

## 2008 Price List

# Clarkson Laboratory Supply

## (619) 425-1932

### Beakers

VEEGEE®, Griffin, Low-Form, Double Scale, Graduated

Cat. No.	Capacity (ml)	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
1500-50	50	12	192	20.04	291.84
1500-100	100	12	192	21.12	307.20
1500-150	150	12	192	23.64	343.68
1500-250	250	12	96	25.08	182.40
1500-400	400	12	48	31.56	114.72
1500-600	600	6	48	22.62	164.64
1500-800	800	6	48	25.98	189.12
1500-1000	1000	6	24	36.84	133.92
1500-2000	2000	4	16	46.20	168.00



### Beakers

VEEGEE®, SchottDURAN® tubing, Griffin, Low-Form, Double Scale, Graduated

Cat. No.	Capacity (ml)	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
20229-10	10	12	48	16.20	59.04
20229-20	20	12	48	20.50	74.40
20229-30	30	12	48	24.44	81.60
20229-3000	3000	1	6	29.98	163.50

### Burets, Class A

VEEGEE®, SchottDURAN® tubing, w/ Teflon® Stopcock

Cat. No.	Capacity (ml)	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
20114-10	10	1	24	27.50	600.00
20114-50	50	1	24	28.60	624.00



### Burets, Class B

VEEGEE®, w/ Teflon® Stopcock

Cat. No.	Capacity (ml)	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
2420-25	25	1	24	36.93	805.68
2420-100	100	1	24	50.41	1099.92

### Burners, Alcohol

VEEGEE®, Glass, Metal Cap, for Ethyl Alcohol

Cat. No.	Capacity (ml)	List Price (Each)
3040	150	7.00



### Burners, Alcohol, Replacement Wicks

VEEGEE®, Fits 3040 Alcohol Burners

Cat. No.	Pack Qty.	List Price (Pack)
3040-W	12	3.60

Prices subject to change.

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### Clamps, Double Buret

VEE GEE®, Fits Micro to 100ml

Cat. No.	List Price (Each)
3020	26.00



### Clamps, Test Tube

VEE GEE®, Nickel-Plated Brass, Finger Grips

Cat. No.	Pack Qty.	List Price (Pack)
3022	10	10.50



### Colorimeter, Automatic

Manufactured by Schmidt + Haensch

Cat. No.	Model	Scale	Range (IU)	Wavelength Range	Lamp/Wavelength	List Price (Each)
47001	COLOROMAT	ICUMSA Color Units (IU)	0-10000	$\lambda=400-900\text{nm}$	Halogen/ $\lambda=420, 560, 720\text{nm}$	Call for Price



### Colorimeter, Automatic

Manufactured by Schmidt + Haensch

Cat. No.	Model	Scale	Range (CTU)	Resolution/Accuracy	Lamp/Wavelength	List Price (Each)
47101	SACCHAROFLEX	ICUMSA Color Type Units (CTU)	0.00-19.99	0.01/±0.01	Halogen/ $\lambda=495, 620\text{nm}$	Call for Price



### Colorimeters, Parts & Accessories

Cat. No.	Description	For Models	List Price (Each)
<b>Brushes</b>			
46000-01838	Cleaning Brush, for Sample Cells	COLOROMAT	37.00
<b>Cover Glass</b>			
46000-01811	Ø15.5mm, for Sample Cells	COLOROMAT	30.00
46000-01812	Ø23.7mm, for Sample Cells	COLOROMAT	35.00
<b>Sample Cells</b>			
46000-02600	Glass w/ Bubble Trap, 100mm, 10.5ml	COLOROMAT	475.00
46000-02607	Glass w/ Center Well, 100mm, 6.0ml	COLOROMAT	455.00
<b>Washers</b>			
46000-01813	Rubber, Ø15.5mm, for Sample Cells	COLOROMAT	16.00
46000-01814	Rubber, Ø23.7mm, for Sample Cells	COLOROMAT	18.00

Prices subject to change.

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### Counters, Hand Tally

VEE GEE®, 0-9999

Cat. No.	List Price (Each)
3509	10.95



### Crucibles, Porcelain, w/o Cover

Bellwether®, High-Form, Glazed Inside & Out Except for Outside Bottom Surface & Rim

Cat. No.	Capacity (ml)	Dimensions Top O.D. x Height	Pack Qty.	List Price (Pack)
5011WOL	10	32 x 27 mm	10	31.50
5012WOL	15	38 x 30 mm	10	32.00
5013WOL	30	45 x 34 mm	10	43.00
5014WOL	50	56 x 46 mm	10	56.00
5015WOL	100	68 x 56 mm	10	81.00

### Crucible Covers, Porcelain

Bellwether®, w/ Ring Handle, Glazed Inside & Out Except for Rim

Cat. No.	Fits Cat. No.	Inside Diameter	Pack Qty.	List Price (Pack)
5011L	5011WOL	36mm	10	12.60
5012L	5012WOL	42mm	10	20.00
5013L	5013WOL	50mm	10	26.50
5014L	5014WOL	60mm	10	30.00
5015L	5015WOL	71mm	10	38.50

### Crucibles, Gooch, Glass

Sibata, High-Form, w/ Fitted Disc

Cat. No.	Capacity (ml)	Pore Size (µm)	Porosity	Type	Pack Qty.	List Price (Pack)
1305-1250A	30	250	Extra Coarse	1G	3	35.64
1305-1100A	30	100	Coarse	1G	3	35.64
1305-140A	30	40	Partly Coarse	1G	3	35.64
1305-116A	30	16	Medium	1G	3	35.64
1305-105A*	30	5.5	Fine	1G	3	50.22
1305-2250A	50	250	Extra Coarse	2G	3	46.95
1305-2160A	50	160	Semiextra Coarse	2G	3	46.95
1305-2100A	50	100	Coarse	2G	3	46.95
1305-240A	50	40	Partly Coarse	2G	3	46.95
1305-216A	50	16	Medium	2G	3	46.95
1305-25A	50	5.5	Fine	2G	3	100.50

\*Cat. No. 1305-105A to change to 1305-15A.



### Cylinders, Graduated, Class A

Sibata, Double Metric Scale\*, To Contain

Cat. No.	Capacity (ml)	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
2351A-5	5	4	48	25.16	274.56
2351A-10	10	4	48	25.16	274.56
2351A-25	25	4	48	35.80	390.72
2351A-50	50	4	48	39.20	427.68
2351A-100	100	4	48	42.60	464.64
2351A-250	250	4	24	59.96	327.12
2351A-500	500	2	12	54.72	298.44
2351A-1000	1000	2	8	96.38	350.48
2351A-2000	2000	1	6	72.29	394.32

\*Except 5, 10, and 25ml sizes.

NOTE: Bumper guard not included with 2000ml size.



Prices subject to change.

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### Cylinders, Graduated, Class B

Sibata, Double Metric Scale\*, To Contain

Cat. No.	Capacity (ml)	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
2351-10	10	4	48	21.84	238.08
2351-25	25	4	48	31.12	339.36
2351-50	50	4	48	34.24	373.44
2351-100	100	4	48	38.12	415.68
2351-250	250	4	24	52.24	284.88
2351-500	500	2	12	47.46	258.84
2351-1000	1000	2	8	83.78	304.64
2351-2000	2000	1	6	65.73	358.50

\*Except 10 and 25ml sizes.

NOTE: Bumper guard not included with 2000ml size.



### Cylinders, Graduated, Student

Sibata, Plastic Hexagonal Base, Double Metric Scale\*, To Contain

Cat. No.	Capacity (ml)	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
2355-10	10	6	24	20.58	74.88
2355-25	25	6	24	23.22	84.48
2355-50	50	6	24	26.58	96.72
2355-100	100	6	24	34.56	125.76

\*Except 10 and 25ml sizes.



### Desiccator Plates

Bellwether®, w/Center Hole, Glazed Inside & Out Except for Bottom Surface

Cat. No.	Diameter (mm)	Number Of Holes	Pack Qty.	List Price (Pack)
5080-140	140	6	1	7.72
5080-180	180	7	1	13.44
5080-280	280	9	1	31.24



### Dishes, Evaporating

Bellwether®, Rounded Bottom with Pouring Lip, Glazed Inside & Out Except for Rim

Cat. No.	Capacity (ml)	Dimensions Top O.D. x Height	Pack Qty.	List Price (Pack)
5020	35	60 x 24 mm	10	38.50
5021	50	70 x 30 mm	10	49.50
5022	80	80 x 34 mm	10	54.00
5023	120	93 x 40 mm	10	72.00
5024	150	100 x 46 mm	10	92.50
5025	250	125 x 51 mm	10	129.00



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### Filter Holders

Sibata, Glass Microanalysis, 47mm  
 (6168-0001: -4711, -4722, -4751, and -4762)  
 (6168-0002: -4711, -4721, -4731, -4741, -4751, and -4762)

Cat. No.	Description	Pack Qty.	List Price (Pack)
6168-0001	Filter System, Fritted Glass (General & Biological Applications)	1	132.92
6168-0002	Filter System, Stainless Steel Screen (Ultraclean Filtrate & Proteinaceous Solutions)	1	171.28
6168-4711	Funnel, 47mm, 300ml	1	56.15
6168-4721	Glass Support Base, for Stainless Steel Screen, 47mm	1	32.04
6168-4722	Glass Support Base, Fritted, 47mm	1	43.13
6168-4731	Stainless Steel Screen	1	39.76
6168-4741	PTFE Gasket	10	9.69
6168-4751	No. 8 Silicone Stopper	1	10.71
6168-4762	Aluminum Clamp, Anodized	1	22.93



### Flasks, Erlenmeyer

VEEGEE®, Narrow Mouth, Heavy-Duty Rim, Graduated

Cat. No.	Capacity (ml)	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
1800-125	125	12	96	29.76	216.00
1800-250	250	12	72	36.36	198.00
1800-500	500	6	48	26.40	192.00
1800-1000	1000	6	24	53.64	195.12



### Flasks, Erlenmeyer

VEEGEE®, Schott DURAN® tubing, Narrow Mouth, Heavy-Duty Rim, Graduated

Cat. No.	Capacity (ml)	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
20231-25	25	12	48	26.40	96.00
20231-50	50	12	48	29.76	108.00
20231-2000	2000	4	8	78.12	142.00



### Flasks, Filtering

VEEGEE®, Heavy Wall, Tubulation, Graduated

Cat. No.	Capacity (ml)	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
1870-250	250	6	48	94.08	684.00
1870-500	500	6	48	118.80	864.00
20074-1000	1000	6	36	155.10	846.00



### Flasks, Volumetric, Snap Cap, Class A

Sibata, To Contain

Cat. No.	Capacity (ml)	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
2303A-5	5	6	72	43.08	470.16
2303A-10	10	6	72	42.70	465.84
2303A-25	25	6	72	54.06	589.68
2303A-50	50	4	48	37.32	407.04
2303A-100	100	4	48	39.56	431.52
2303A-200	200	4	24	49.68	270.96
2303A-250	250	4	24	57.04	311.04
2303A-500	500	2	12	34.40	187.68
2303A-1000	1000	2	8	41.26	150.00

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### Flasks, Volumetric, Ground Glass Stopper, Class A

Sibata, Standard Taper, To Contain

Cat. No.	Capacity (ml)	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
2306A-1	1	6	96	75.36	1096.32
2306A-2	2	6	96	75.36	1096.32
2306A-5	5	6	72	70.98	774.00
2306A-10	10	6	72	70.98	774.00
2306A-25	25	6	72	75.78	826.56
2306A-50	50	4	48	52.28	570.24
2306A-100	100	4	48	55.40	604.32
2306A-200	200	4	24	70.84	386.40
2306A-250	250	4	24	81.40	444.00
2306A-500	500	2	12	47.96	261.60
2306A-1000	1000	2	8	57.44	208.88
2306A-2000	2000	2	8	118.80	432.00



### Flasks, Volumetric, Ground Glass Stopper, Amber, Class A

Sibata, Standard Taper, To Contain

Cat. No.	Capacity (ml)	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
2307A-10	10	6	72	69.48	758.16
2307A-20	20	6	72	88.56	966.24
2307A-25	25	6	72	88.56	966.24
2307A-50	50	4	48	64.32	701.76
2307A-100	100	4	48	72.96	795.84
2307A-200	200	4	24	118.96	648.96



### Funnels, Buchner, Glass

Sibata, w/ Fritted Disc

Cat. No.	Capacity (ml)	Pore Size (µm)	Porosity	Type	Pack Qty.	List Price (Pack)
1311-3250A	30	250	Extra Coarse	3G	3	55.17
1311-3100A	30	100	Coarse	3G	3	55.17
1311-340A	30	40	Partly Coarse	3G	3	55.17
1311-316A	30	16	Medium	3G	3	55.17
1311-305A*	30	5.5	Fine	3G	3	74.61
1311-11250A	60	250	Extra Coarse	11G	3	65.25
1311-11100A	60	100	Coarse	11G	3	65.25
1311-1140A	60	40	Partly Coarse	11G	3	65.25
1311-1116A	60	16	Medium	11G	3	65.25
1311-115A	60	5.5	Fine	11G	3	118.65
1311-17250	140	250	Extra Coarse	17G	1	36.48
1311-17100	140	100	Coarse	17G	1	36.48
1311-1740	140	40	Partly Coarse	17G	1	36.48
1311-1716	140	16	Medium	17G	1	36.48
1311-175	140	5.5	Fine	17G	1	67.32

\*Cat. No. 1311-305A to change to 1311-35A.



### Funnels, Separatory, Ground Glass Stopper

VEEGEE®, Squibb, Pear-Shaped, Teflon® Stopcock

Cat. No.	Capacity (ml)	Stopper Type	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
1530-100*	100	Ground Glass	1	24	11.11	242.40
1530-250	250	Ground Glass	1	24	26.29	573.60
1530-500	500	Ground Glass	1	24	34.72	757.44
1530-1000	1000	Ground Glass	1	12	44.29	483.12
20149-2000	2000	Polyethylene	1	9	62.98	515.25

\*DISCONTINUED: Prices are effective for remaining stock of 1530-100.  
 Item 20149-2000 is made from Schott DURAN® tubing.

Prices subject to change.



## 2008 Price List Clarkson Laboratory Supply

### Hydrometers, Alcohol, Tralle & Proof Scales

Bellwether®, Standard Temperature: 60°F

Cat. No.	Tralle Range	Subdivision/ Tolerance	Proof Range	Subdivision/ Tolerance	Length (mm)	List Price (Each)
6612-1	0 to 100%	1% / ±1%	0-200%	2% / ±2%	290	16.75

### Hydrometers, Alcohol, Tralle & Proof Scales, w/ Thermometer (Spirit-Filled)

Bellwether®, Standard Temperature: 60°F; Thermometer Scale: -10 to 100°F (Subdivision: 1°F)

Cat. No.	Tralle Range	Subdivision/ Tolerance	Proof Range	Subdivision/ Tolerance	Length (mm)	List Price (Each)
6612-2TS	0 to 100%	1% / ±1%	0 to 200%	2% / ±2%	380	35.75

### Hydrometers, Alcohol, Proof Scale, Internal Revenue Specifications

Bellwether®, Standard Temperature: 60°F

Cat. No.	Proof Range	Internal Revenue Size	Subdivision/ Tolerance	Length (mm)	List Price (Each)
6613-B	80 to 120%	B	0.5% / ±0.5%	260	37.25
6613-F	0 to 20%	F	0.2% / ±0.3%	310	37.25
6613-G	20 to 40%	G	0.2% / ±0.4%	320	37.25
6613-H	40 to 60%	H	0.2% / ±0.4%	310	37.25
6613-I	60 to 80%	I	0.2% / ±0.3%	310	37.25
6613-N	125 to 145%	N	0.2% / ±0.3%	310	37.25
6613-Q	165 to 185%	Q	0.2% / ±0.2%	310	37.25
6613-R	185 to 206%	R	0.2% / ±0.2%	320	37.25

### Hydrometers, API, w/ Thermometer (Spirit-Filled)

Bellwether®, Standard Temperature: 60°F; Accuracy is ± one subdivision. Thermometer Scale: 10 to 130°F (Subdivision: 2°F)

Cat. No.	API Range	Liquid Type	Subdivision	Length (mm)	List Price (Each)
6608-12TS	45 to 90°	Spirit	1.0°	210	35.75

### Hydrometers, API, ASTM

Bellwether®, Standard Temperature: 60°F; Accuracy is ± one subdivision.

Cat. No.	ASTM No.	API Range	Subdivision	Length (mm)	List Price (Each)
6721H	21H	0 to 6°	0.1°	165	20.60
6722H	22H	5 to 11°	0.1°	165	20.60
6723H	23H	10 to 16°	0.1°	165	20.60
6724H	24H	15 to 21°	0.1°	165	20.60
6725H	25H	20 to 26°	0.1°	165	20.60
6726H	26H	25 to 31°	0.1°	165	20.60
6727H	27H	30 to 36°	0.1°	165	20.60
6728H	28H	35 to 41°	0.1°	170	20.60
6729H	29H	40 to 46°	0.1°	165	20.60
6730H	30H	45 to 51°	0.1°	165	20.60
6731H	31H	50 to 56°	0.1°	165	20.60
6732H	32H	55 to 61°	0.1°	170	20.60
6733H	33H	60 to 66°	0.1°	170	20.60
6734H	34H	65 to 71°	0.1°	170	20.60
6735H	35H	70 to 76°	0.1°	165	20.60
6736H	36H	75 to 81°	0.1°	165	20.60
6737H	37H	80 to 86°	0.1°	165	20.60
6738H	38H	85 to 91°	0.1°	165	20.60
6739H	39H	90 to 96°	0.1°	165	20.60
6740H	40H	95 to 101°	0.1°	165	20.60



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### Hydrometers, API, w/ Thermometer (Spirit-Filled)

Bellwether®, Standard Temperature: 60°F; Accuracy is ± one subdivision. Thermometer Scale: 0 to 150°F (Subdivision: 2°F)

Cat. No.	API Range	Subdivision	Length (mm)	List Price (Each)
6751HTS	-1 to 11°	0.1°	380	35.75
6753HTS	19 to 31°	0.1°	385	35.75
6754HTS	29 to 41°	0.1°	380	35.75
6755HTS	39 to 51°	0.1°	385	35.75

### Hydrometers, Balling (Plato), w/ Thermometer (Spirit-Filled)

Bellwether®, Standard Temperature: 20°C; Accuracy is ± one subdivision.

Thermometer Scale (6614TS-5/-6/-7): 0 to 50°C (Subdivision: 1°C); Thermometer Scale (6614TS-8): 30 to 120°F (Subdivision: 1°F)

Cat. No.	Balling Range	Liquid Type	Subdivision	Length (mm)	List Price (Each)
6614TS-5	0 to 8.5°	Spirit	0.1°	345	39.00
6614TS-6	7.5 to 16°	Spirit	0.1°	340	39.00
6614TS-7	15.5 to 24°	Spirit	0.1°	350	39.00
6614TS-8	0 to 32°	Spirit	0.5°	385	46.00

### Hydrometers, Baume (Heavy)

Bellwether®, Standard Temperature: 60°F; Accuracy is ± one subdivision.

Cat. No.	Baume Range	Subdivision	Length (mm)	List Price (Each)
6609-1	0 to 12°	0.1°	310	16.00
6609-2	9 to 21°	0.1°	310	16.00
6609-3	19 to 31°	0.1°	310	16.00
6609-4	29 to 41°	0.1°	310	16.00
6609-5	39 to 51°	0.1°	295	16.00
6609-6	49 to 61°	0.1°	300	16.00
6609-7	59 to 71°	0.1°	310	16.00
6609-8	0 to 15°	0.1°	295	16.00
6609-9	0 to 25°	0.2°	310	16.00
6609-10	0 to 35°	0.5°	315	16.00
6609-11	0 to 50°	0.5°	305	16.00
6609-12	35 to 70°	0.5°	310	16.00
6609-13	0 to 50°	1.0°	300	16.00
6609-14	0 to 70°	1.0°	310	16.00
6609-15	0 to 90°	1.0°	265	29.50

### Hydrometers, Brix

Bellwether®, Standard Temperature: 20°C; Accuracy is ± one subdivision.

Cat. No.	Brix Range	Subdivision	Length (mm)	List Price (Each)
6601-1	0 to 12°	0.1°	315	20.60
6601-2	9 to 21°	0.1°	320	20.60
6601-3	19 to 31°	0.1°	320	20.60
6601-4	29 to 41°	0.1°	325	20.60
6601-5	39 to 51°	0.1°	330	20.60
6601-6	49 to 61°	0.1°	325	20.60
6601-7	59 to 71°	0.1°	325	20.60
6601-8	69 to 81°	0.1°	330	20.60
6601-9	79 to 91°	0.1°	330	20.60
6601-10	0 to 35°	0.5°	290	19.40
6601-11	35 to 70°	0.5°	290	19.40
6601-12	0 to 70°	1.0°	295	19.40
6601-13	-5 to 5°	0.1°	295	19.40
6601-14	5 to 15°	0.1°	330	19.40
6601-15	15 to 25°	0.1°	295	19.95



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### Hydrometers, Brix, w/Thermometer (Spirit-Filled, Celsius)

Bellwether®, Standard Temperature: 20°C; Accuracy is ± one subdivision. Thermometer Scale: 0 to 50°C (Subdivision: 1°C)

Cat. No.	Brix Range	Subdivision	Length (mm)	List Price (Each)
6601TS-1	0 to 12°	0.1°	375	35.75
6601TS-2	9 to 21°	0.1°	380	35.75
6601TS-3	19 to 31°	0.1°	385	35.75
6601TS-4	29 to 41°	0.1°	370	35.75
6601TS-5	39 to 51°	0.1°	385	35.75
6601TS-6	49 to 61°	0.1°	375	35.75
6601TS-7	59 to 71°	0.1°	365	35.75
6601TS-8	69 to 81°	0.1°	370	35.75
6601TS-9	79 to 91°	0.1°	370	35.75
6601TS-10	0 to 35°	0.5°	380	35.75
6601TS-11	35 to 70°	0.5°	370	35.75
6601TS-12	0 to 70°	0.5°	370	35.75
6601TS-13	-5 to 5°	0.1°	350	35.75
6601TS-14	5 to 15°	0.1°	370	35.75
6601TS-15	15 to 25°	0.1°	370	35.75

### Hydrometers, Brix, w/Thermometer (Spirit-Filled, Fahrenheit)

Bellwether®, Standard Temperature: 60°F; Accuracy is ± one subdivision. Thermometer Scale: 30 to 130°F (Subdivision: 1°F)

Cat. No.	Brix Range	Subdivision	Length (mm)	List Price (Each)
6601TS-1F	0 to 12°	0.1°	375	35.75
6601TS-2F	9 to 21°	0.1°	380	35.75
6601TS-3F	19 to 31°	0.1°	385	35.75
6601TS-10F	0 to 35°	0.5°	380	35.75
6601TS-13F	-5 to 5°	0.1°	365	35.75

### Hydrometers, Calcium Chloride, Specific Gravity, Freezing Points

Bellwether®, Standard Temperature: 60°F; Accuracy is ± one subdivision.

Cat. No.	CaCl <sub>2</sub> Range	Subdivision	Length (mm)	List Price (Each)
6611-3	1.000 to 1.280 (S.G) +30 to -40°F (F.P)	0.002 5°	295	16.75

### Hydrometers, Sodium Chloride, % Saturation

Bellwether®, Standard Temperature: 60°F; Accuracy is ± one subdivision.

Cat. No.	NaCl Range	Subdivision	Length (mm)	List Price (Each)
6611-1	0-100%	1.0%	265	16.00

### Hydrometers, Sodium Chloride, % Weight

Bellwether®, Standard Temperature: 60°F; Accuracy is ± one subdivision.

Cat. No.	NaCl Range	Subdivision	Length (mm)	List Price (Each)
6611-2	0 to 26.5%	0.5%	280	16.00



Prices subject to change.

## 2008 Price List

# Clarkson Laboratory Supply

### Hydrometers, Specific Gravity

Bellwether®, Standard Temperature: 60°F; Accuracy is ± one subdivision.

Cat. No.	Specific Gravity Range	Subdivision	Length (mm)	List Price (Each)
6602-0	0.600 to 0.670	0.0005	330	20.60
6602-1	0.640 to 0.710	0.0005	330	20.60
6602-2	0.700 to 0.770	0.0005	310	20.60
6602-3	0.760 to 0.830	0.0005	325	20.60
6602-4	0.820 to 0.890	0.0005	330	20.60
6602-5	0.880 to 0.950	0.0005	320	20.60
6602-6	0.940 to 1.010	0.0005	325	20.60
6602-7	1.000 to 1.070	0.0005	320	20.60
6602-8	1.060 to 1.130	0.0005	315	20.60
6602-9	1.120 to 1.190	0.0005	315	20.60
6602-10	1.180 to 1.250	0.0005	305	20.60
6602-11	1.240 to 1.310	0.0005	330	20.60
6602-12	1.300 to 1.370	0.0005	330	20.60
6602-13	1.360 to 1.430	0.0005	330	20.60
6602-14	1.420 to 1.490	0.0005	330	22.75
6602-15	1.480 to 1.550	0.0005	325	22.75
6602-16	1.540 to 1.610	0.0005	325	22.75
6602-17	1.600 to 1.670	0.0005	330	22.75
6602-18	1.660 to 1.730	0.0005	330	22.75
6602-19	1.720 to 1.790	0.0005	330	22.75
6602-20	1.780 to 1.850	0.0005	330	22.75
6602-21	1.840 to 1.920	0.0005	330	22.75

### Hydrometers, Specific Gravity

Bellwether®, Standard Temperature: 60°F; Accuracy is ± one subdivision.

Cat. No.	Specific Gravity Range	Subdivision	Length (mm)	List Price (Each)
6603-1	1.000 to 1.220	0.002	295	16.60
6603-2	1.200 to 1.420	0.002	300	16.60
6603-3	1.400 to 1.620	0.002	330	16.60
6603-4	1.600 to 1.820	0.002	290	16.60
6603-5	1.800 to 2.020	0.002	335	16.60
6603-6	1.000 to 1.600	0.005	310	16.60
6603-7	1.000 to 2.000	0.010	310	14.30
6603-8	2.000 to 3.000	0.010	310	32.50
6603-9	3.000 to 4.000	0.010	305	32.50
6603-10	0.700 to 0.810	0.001	315	16.60
6603-11	0.800 to 0.910	0.001	330	16.60
6603-12	0.900 to 1.000	0.001	305	16.60
6603-13	0.650 to 1.000	0.005	320	14.30

### Hydrometers, Liquid Petroleum Gas (LPG), Specific Gravity, w/ Thermometer (Spirit-Filled)

Bellwether®, Standard Temperature: 60°F; Accuracy is ± one subdivision. Thermometer Scale: 30 to 90°F (Subdivision: 1°F)

Cat. No.	Specific Gravity Range	Subdivision	Length (mm)	List Price (Each)
67101HTS	0.500 to 0.650	0.001	380	49.00



### Hydrometers, Specific Gravity & Baume, Dual Scale

Bellwether®, Standard Temperature: 60°F; Accuracy is ± one subdivision.

Cat. No.	Specific Gravity Range	Baume Range	Subdivision	Length (mm)	List Price (Each)
6603DS-1	1.000 to 1.220	0 to 26° (Heavy)	0.002 / 0.2°	285	16.60
6603DS-2	1.200 to 1.420	25 to 42° (Heavy)	0.002 / 0.2°	330	16.60
6603DS-3	1.400 to 1.620	42 to 55° (Heavy)	0.002 / 0.2°	330	16.60
6603DS-4	1.600 to 1.820	54 to 65° (Heavy)	0.002 / 0.2°	330	16.60
6603DS-5	1.800 to 2.020	64 to 72° (Heavy)	0.002 / 0.2°	330	16.60
6603DS-6	1.000 to 1.450	0 to 45° (Heavy)	0.005 / 0.5°	295	22.75
6603DS-7	1.000 to 2.000	0 to 72° (Heavy)	0.010 / 1.0°	305	14.30
6603DS-13	0.600 to 1.000	10 to 100° (Light)	0.005 / 1.0°	305	14.30

Prices subject to change.

## 2008 Price List

# Clarkson Laboratory Supply

### Hydrometers, Specific Gravity

Bellwether®, Standard Temperature: 60°F; Accuracy is ± one subdivision.

Cat. No.	Specific Gravity Range	Subdivision	Length (mm)	List Price (Each)
6604-1	1.000 to 1.250	0.005	165	16.60
6604-2	1.200 to 1.450	0.005	175	16.60
6604-3	1.400 to 1.650	0.005	160	16.60
6604-4	1.600 to 1.850	0.005	160	16.60
6604-5	1.800 to 2.050	0.005	165	16.60

### Hydrometers, Specific Gravity, ASTM

Bellwether®, Standard Temperature: 60°F; Accuracy is ± one subdivision.

Cat. No.	ASTM No.	Specific Gravity Range	Subdivision	Length (mm)	List Price (Each)
6782H	82H	0.650 to 0.700	0.0005	330	23.50
6783H	83H	0.700 to 0.750	0.0005	335	23.50
6784H	84H	0.750 to 0.800	0.0005	335	23.50
6785H	85H	0.800 to 0.850	0.0005	330	23.50
6786H	86H	0.850 to 0.900	0.0005	335	23.50
6787H	87H	0.900 to 0.950	0.0005	335	23.50
6788H	88H	0.950 to 1.000	0.0005	335	23.50
6789H	89H	1.000 to 1.050	0.0005	335	23.50
6790H	90H	1.050 to 1.100	0.0005	330	23.50
67111H	111H	1.000 to 1.050	0.0005	330	23.50
67112H	112H	1.050 to 1.100	0.0005	330	23.50
67113H	113H	1.100 to 1.150	0.0005	330	23.50
67114H	114H	1.150 to 1.200	0.0005	330	23.50
67115H	115H	1.200 to 1.250	0.0005	330	23.50
67116H	116H	1.250 to 1.300	0.0005	330	23.50
67117H	117H	1.300 to 1.350	0.0005	330	23.50
67118H	118H	1.350 to 1.400	0.0005	330	23.50
67119H	119H	1.400 to 1.450	0.0005	330	23.50
67120H	120H	1.450 to 1.500	0.0005	330	23.50
67125H	125H	1.000 to 1.050	0.001	270	20.60
67126H	126H	1.050 to 1.100	0.001	265	20.60
67127H	127H	1.100 to 1.150	0.001	270	20.60
67128H	128H	1.150 to 1.200	0.001	270	20.60
67129H	129H	1.200 to 1.250	0.001	270	20.60
67130H	130H	1.250 to 1.300	0.001	270	20.60
67131H	131H	1.300 to 1.350	0.001	270	20.60
67132H	132H	1.350 to 1.400	0.001	270	20.60
67133H	133H	1.400 to 1.450	0.001	270	22.75
67134H	134H	1.450 to 1.500	0.001	270	22.75
67135H	135H	1.500 to 1.550	0.001	270	22.75
67136H	136H	1.550 to 1.600	0.001	270	22.75
67137H	137H	1.600 to 1.650	0.001	270	22.75
67138H	138H	1.650 to 1.700	0.001	270	22.75
67139H	139H	1.700 to 1.750	0.001	270	22.75
67140H	140H	1.750 to 1.800	0.001	270	22.75
67141H	141H	1.800 to 1.850	0.001	270	22.75



### Hydrometers, Specific Gravity, Universal

Bellwether®, Standard Temperature: 60°F; Accuracy is ± one subdivision.

Cat. No.	Specific Gravity Range	Subdivision (0.7 to 1.0)	Subdivision (1.0 to 2.0)	Length (mm)	List Price (Each)
6605-1	0.700 to 2.000	0.005	0.01	365	26.50

### Hydrometers, Specific Gravity, Soil Analysis, ASTM

Bellwether®, Standard Temperature: 68°F; Accuracy is ± one subdivision.

Cat. No.	ASTM No.	Specific Gravity Range	Subdivision	Length (mm)	List Price (Each)
67151H	151H	0.995 to 1.038	0.001	280	31.50

Prices subject to change.

## 2008 Price List

# Clarkson Laboratory Supply

### Hydrometers, Soil Colloids (g), Soil Analysis, ASTM

Bellwether®, Standard Temperature: 68°F; Accuracy is ± one subdivision.

Cat. No.	ASTM No.	Soil Colloids	Subdivision	Length (mm)	List Price (Each)
67152H	152H	-5 to 60g	1.0	280	31.50

### Hydrometer Cases

Bellwether®

Cat. No.	Description	Length (mm / in)	List Price (Each)
66CS-8	Case/PVC	216 / 8.5	26.50
66CS-13	Case/PVC	343 / 13.5	29.00
66CS-16	Case/PVC	420 / 16.5	32.00

### Hydrometer Certification, NIST, 3-Point

States Corrections To The Readings That Are Traceable to NIST

Cat. No.	Description	List Price (Each)
6600	NIST Certification, 3-Point	175.00

NOTE: Hydrometer model must be specified at point of order. Certification pricing does not include the price of the hydrometer. Certification is nonrefundable. Please allow several extra days for delivery.

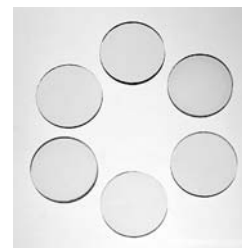
### Lenses

VEE GEE®, Student Grade, 38 mm Diameter

Cat. No.	Type	Focal Length (cm)	Pack Qty.	List Price (Pack)
33138-10*	Double Concave	10	10	18.00
33138-15*	Double Concave	15	10	18.00
33138-20*	Double Concave	20	10	18.00
33238-15*	Double Convex	15	10	11.50
33238-20*	Double Convex	20	10	11.50
33038-50*	6-Lens Set	50	1 Set	8.25

\*DISCONTINUED: Pricing effective for remaining stock only.

6-Lens Set Includes: Double Concave (1), Plano Convex (1), Plano Concave (1), Convex Concave (1), Meniscus (1), & Double Convex (1).



### Magnifiers

VEE GEE®

Cat. No.	Type	Diameter (mm)	Magnification	List Price (Each)
3060-65-2*	Circular	65	2X	4.95
3060-75-1.5*	Circular	75	1.5X	4.95

\*DISCONTINUED: Pricing effective for remaining stock only.



Prices subject to change.

# 2008 Price List

## Clarkson Laboratory Supply

### Microscopes, Compound, 1400 Series

VanGuard®, w/ 10X High Eyepoint Eyepieces, Halogen Illumination

Cat. No.	Head	Type	Objective Magnification	Objective Type	Optical Correction	List Price (Each)
1420BR	Binocular	Brightfield	4X,10X,40X,100X	Achromatic	Fixed	1,180.00
1421BRi	Binocular	Brightfield	4X,10X,40X,100X	Plan Achromatic	Infinity	1,575.00
1430BR	Trinocular	Brightfield	4X,10X,40X,100X	Achromatic	Fixed	1,260.00
1431BRi	Trinocular	Brightfield	4X,10X,40X,100X	Plan Achromatic	Infinity	1,675.00
1423PHi	Binocular	Phase Contrast	10X,20X,40X,100X	Plan Achromatic	Infinity	2,225.00
1433PHi	Trinocular	Phase Contrast	10X,20X,40X,100X	Plan Achromatic	Infinity	2,300.00

NOTE: 220 voltage available; please contact us for pricing and availability. Equipped with a five-position nosepiece.



### Microscopes, Compound, 1300 Series

VanGuard®, w/ 10X High Eyepoint Eyepieces, Halogen Illumination

Cat. No.	Head	Type	Objective Magnification	Objective Type	Optical Correction	List Price (Each)
1310BR	Monocular	Brightfield	4X,10X,40X,100X	Achromatic	Fixed	635.00
1311BRi	Monocular	Brightfield	4X,10X,40X,100X	Plan Achromatic	Infinity	985.00
1320BR	Binocular	Brightfield	4X,10X,40X,100X	Achromatic	Fixed	810.00
1321BRi	Binocular	Brightfield	4X,10X,40X,100X	Plan Achromatic	Infinity	1,175.00
1330BR	Trinocular	Brightfield	4X,10X,40X,100X	Achromatic	Fixed	890.00
1331BRi	Trinocular	Brightfield	4X,10X,40X,100X	Plan Achromatic	Infinity	1,250.00
1313PHi	Monocular	Phase Contrast	10X,20X,40X,100X	Plan Achromatic	Infinity	1,575.00
1323PHi	Binocular	Phase Contrast	10X,20X,40X,100X	Plan Achromatic	Infinity	1,675.00
1333PHi	Trinocular	Phase Contrast	10X,20X,40X,100X	Plan Achromatic	Infinity	1,755.00

NOTE: 220 voltage available. Five-position nosepieces available; please contact us for pricing and availability.



### Microscopes, Compound, 1200 Series

VanGuard®, w/ 10X Eyepieces, Halogen Illumination (BP Model Features Battery-Powered LED Illumination)

Cat. No.	Head	Type	Objective Magnification	Objective Type	List Price (Each)
1210CM	Monocular	Brightfield	4X,10X,40X,100X	Achromatic	545.00
1211CM	Monocular	Brightfield	4X,10X,40X,100X	Plan Achromatic	920.00
1220CM	Binocular	Brightfield	4X,10X,40X,100X	Achromatic	810.00
1220CM-BP	Binocular	Brightfield	4X,10X,40X,100X	Achromatic	820.00
1221CM	Binocular	Brightfield	4X,10X,40X,100X	Plan Achromatic	1,175.00
1230CM	Trinocular	Brightfield	4X,10X,40X,100X	Achromatic	890.00
1231CM	Trinocular	Brightfield	4X,10X,40X,100X	Plan Achromatic	1,250.00
1212CM	Monocular	Phase Contrast	10X,20X,40X,100X	Achromatic	1,010.00
1213CM	Monocular	Phase Contrast	10X,20X,40X,100X	Plan Achromatic	1,400.00
1222CM	Binocular	Phase Contrast	10X,20X,40X,100X	Achromatic	1,280.00
1223CM	Binocular	Phase Contrast	10X,20X,40X,100X	Plan Achromatic	1,675.00
1232CM	Trinocular	Phase Contrast	10X,20X,40X,100X	Achromatic	1,350.00
1233CM	Trinocular	Phase Contrast	10X,20X,40X,100X	Plan Achromatic	1,755.00

NOTE: 220 voltage available. Five-position nosepieces available; please contact us for pricing and availability.



### Microscopes, Compound, 1100 Series

VanGuard®, w/ 10X Eyepieces

Cat. No.	Head	Type	Objective Magnification	Objective Type	List Price (Each)
<b>Incandescent Models</b>					
1101EM	Monocular	Brightfield	4X, 10X, 40X	Achromatic	155.00
1102SM	Monocular	Brightfield	4X, 10X, 40X	Achromatic	275.00
1109AMI	Monocular	Brightfield	4X, 10X, 40X	Achromatic	290.00
<b>Halogen Models</b>					
1111AMH	Monocular	Brightfield	4X, 10X, 40X, 100X	Achromatic	485.00
1112AMH	Dual Monocular	Brightfield	4X, 10X, 40X, 100X	Achromatic	550.00
1113AMH	Binocular	Brightfield	4X, 10X, 40X, 100X	Achromatic	625.00
1115AMH	Trinocular	Brightfield	4X, 10X, 40X, 100X	Achromatic	680.00

NOTE: 220 voltage available; please contact us for pricing and availability.

Prices subject to change.



## 2008 Price List

# Clarkson Laboratory Supply

### Microscopes, Fluorescence, 1400 Series

VanGuard®, w/ 10XEyepieces

Cat. No.	Head	Type	Objective Magnification	Objective Type	Optical Correction	List Price (Each)
1482FLi	Trinocular	Brightfield/ Fluorescence	4X,10X,40X,100X	Plan Achromatic	Infinity	4,700.00
1486FLi	Trinocular	Brightfield/ Fluorescence Phase Contrast	4X,10X,40X,100X 10X,20X,40X,100X	Plan Achromatic Plan Achromatic	Infinity	5,800.00

NOTE: 220 voltage available. Please contact us for availability. Equipped with a five-position nosepiece.



### Microscopes, Fluorescence, 1200 Series

VanGuard®, w/ 10XEyepieces

Cat. No.	Head	Type	Objective Magnification	Objective Type	List Price (Each)
1282ECM	Trinocular	Fluorescence Brightfield	25X,40X 4X,10X,40X,100X	Achromatic Plan Achromatic	3,800.00
1286ECM	Trinocular	Fluorescence Phase Contrast Brightfield	25X,40X 10X,20X,40X,100X 4X,10X,40X,100X	Achromatic Plan Achromatic Plan Achromatic	4,925.00

NOTE: 220 voltage available. Five-position nosepieces available; please contact us for pricing and availability.



### Microscopes, Inverted, 1400 Series

VanGuard®, w/ 10XEyepieces, Halogen Illumination

Cat. No.	Head	Type	Objective Magnification	Objective Type	Optical Correction	List Price (Each)
1491Ni	Trinocular	Brightfield	4X,10X,20X,40X	Plan Achromatic	Infinity	2,745.00
1493Ni	Trinocular	Phase Contrast	4X,10X,20X,40X	Plan Achromatic	Infinity	3,445.00

NOTE: 220 voltage available. Please contact us for availability.



## The i's have it.

The new 1400iNi-Series **Inverted** Microscopes from VanGuard provide stunningly vivid **Infinity-Corrected** optics for advanced tissue culture work.

Choose from Brightfield or Phase Contrast models. Right out of the box, each model is a full, turn-key system with precision-drive mechanical stages and focusing controls; inserts for 96-well plates, Terasaki plates, glass slides, and 65/54/35mm petri dishes; and UWF 10X eyepieces, camera ports, 30W halogen illumination, and a 5-year warranty.

With an eyepoint height of 400mm, the focusing controls are positioned at an ultra-low position to provide easy, comfortable viewing for both sitting and standing positions.

Make your lab work better...make it VanGuard.



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Prices subject to change.

## 2008 Price List

# Clarkson Laboratory Supply

### Microscopes, Inverted, 1200 Series

VanGuard®, w/ 10X Eyepieces, Halogen Illumination

Cat. No.	Head	Type	Objective Magnification	Objective Type	List Price (Each)
1291CMI	Trinocular	Brightfield	10X,25X,40X	Plan Achromatic	2,430.00
1293CMI	Trinocular	Phase Contrast	10X,25X,40X	Plan Achromatic	2,910.00

NOTE: 220 voltage available. Please contact us for availability.



### Microscopes, Industrial, Metallurgical, 1200 Series

VanGuard®, w/ 10X Eyepieces, Halogen Illumination

Cat. No.	Head	Type	Objective Magnification	Objective Type	List Price (Each)
<b>Reflected Illumination</b>					
1241MM	Trinocular	Brightfield	4X,10X,20X,40X	Plan Achromatic	1,765.00
<b>Reflected/Transmitted Illumination</b>					
1242MM	Trinocular	Brightfield	4X,10X,20X,40X	Plan Achromatic	1,995.00

NOTE: 220 voltage available. Five-position nosepieces available; please contact us for pricing and availability.



### Microscopes, Stereo, Dual-Magnification, 1200 Series

VanGuard®, w/ 10X Eyepieces, Illuminated Stands

Cat. No.	Head	Objective Magnification	Upper Illumination	Lower Illumination	List Price (Each)
1252SH	Binocular	1X & 2X	Halogen	Halogen	410.00
1253SH	Binocular	1X & 3X	Halogen	Halogen	410.00
1254SH	Binocular	2X & 4X	Halogen	Halogen	410.00
1255SH	Binocular	1X & 4X	Halogen	Halogen	410.00
1262SF	Binocular	1X & 2X	Halogen	Fluorescent	410.00
1263SF	Binocular	1X & 3X	Halogen	Fluorescent	410.00
1264SF	Binocular	2X & 4X	Halogen	Fluorescent	410.00
1265SF	Binocular	1X & 4X	Halogen	Fluorescent	410.00

NOTE: 220 voltage available. Please contact us for availability.



### Microscopes, Stereo, Dual-Magnification, 1100 Series

VanGuard®, w/ 10X Eyepieces, Non-Illuminated Stands

Cat. No.	Head	Objective Magnification	Stand	Illumination	List Price (Each)
1122SP	Binocular	1X & 2X	Pole	No	350.00
1123SP	Binocular	1X & 3X	Pole	No	350.00
1124SP	Binocular	2X & 4X	Pole	No	350.00
1125SP	Binocular	1X & 4X	Pole	No	350.00

Prices subject to change.



# 2008 Price List

## Clarkson Laboratory Supply

### Microscopes, Stereo, Zoom, 1200 Series

VanGuard®, w/ 10X Eyepieces, Illuminated Stands

Cat. No.	Head	Objective Magnification	Upper Illumination	Lower Illumination	List Price (Each)
1271ZF	Binocular	0.7X to 4.5X	Halogen	Fluorescent	895.00
1272ZF	Trinocular	0.7X to 4.5X	Halogen	Fluorescent	960.00
1273ZH	Binocular	0.7X to 4.5X	Halogen	Halogen	895.00
1274ZH	Trinocular	0.7X to 4.5X	Halogen	Halogen	960.00

NOTE: 220 voltage available. Please contact us for availability.



### Microscopes, Stereo, Zoom, 1200 Series

VanGuard®, w/ 10X Eyepieces, Non-Illuminated Stands

Cat. No.	Head	Objective Magnification	Stand	Illumination	List Price (Each)
1275ZP	Binocular	0.7X to 4.5X	Pole	No	775.00
1276ZP	Trinocular	0.7X to 4.5X	Pole	No	855.00
1277ZB	Binocular	0.7X to 4.5X	Boom	No	1,015.00
1278ZB	Trinocular	0.7X to 4.5X	Boom	No	1,080.00



1275ZP



1277ZB

### Microscopes, Stereo, Zoom, 1100 Series

VanGuard®, w/ 10X Eyepieces, Illuminated Stands

Cat. No.	Head	Objective Magnification	Upper Illumination	Lower Illumination	List Price (Each)
1131ZF	Binocular	0.75X to 3.4X	Halogen	Fluorescent	640.00
1132ZF	Trinocular	0.75X to 3.4X	Halogen	Fluorescent	785.00
1133ZH	Binocular	0.75X to 3.4X	Halogen	Halogen	640.00
1134ZH	Trinocular	0.75X to 3.4X	Halogen	Halogen	785.00

NOTE: 220 voltage available. Please contact us for availability.



### Microscopes, Adapter Components, 35mm or Digital SLR

VanGuard® Adapters (Camera not included)

Cat. No.	Tube Adapter	Lens Assembly	T-Adapter	For Models	List Price (Each)
1400-CPKNC	Yes	4X	Yes	1430's, 1480's, 1330's	245.00
1490-CPKNC	Yes	4X	Yes	1490's	245.00
1200-CPKNC	w/ Lens Assembly	2.5X/4X	Yes	1230's, 1290's	245.00
1200-CPKNCB	w/ Lens Assembly	2.5X/4X	Yes	1240's, 1280's	245.00
1200-ZPKNC	Yes	2.5X	Yes	1270's (Trinocular)	245.00
1200-ECPKNC	Yes	2.5X	Yes	1115AMH	245.00
1100-ZPKNC	Yes	2.5X	Yes	1132F, 1134ZH	245.00

Note: Make and model of camera must be specified at point of order.



Prices subject to change.

# 2008 Price List

## Clarkson Laboratory Supply

### Microscopes, Camera Systems, Color CCD Video

VanGuard® Adapters

Cat. No.	Camera	C-Mount Adapter/ Lens Assembly	Video Signal	Voltage	For Models	List Price (Each)
1400-CVK	Color CCD Video	0.4X	NTSC	110	1430's, 1480's, 1330's	1,495.00
1400-CVK-220	Color CCD Video	0.4X	NTSC	220	1430's, 1480's, 1330's	1,760.00
1400-CVKP	Color CCD Video	0.4X	PAL	110	1430's, 1480's, 1330's	1,600.00
1400-CVKP-220	Color CCD Video	0.4X	PAL	220	1430's, 1480's, 1330's	1,800.00
1490-CVK	Color CCD Video	0.4X	NTSC	110	1490's	1,495.00
1200-CVK	Color CCD Video	0.4X	NTSC	110	1230's, 1240's, 1280's, 1290's	1,495.00
1200-CVK-220	Color CCD Video	0.4X	NTSC	220	1230's, 1240's, 1280's, 1290's	1,760.00
1200-CVKP	Color CCD Video	0.4X	PAL	110	1230's, 1240's, 1280's, 1290's	1,600.00
1200-CVKP-220	Color CCD Video	0.4X	PAL	220	1230's, 1240's, 1280's, 1290's	1,800.00
1200-ZVK	Color CCD Video	0.5X	NTSC	110	1270's (Trinocular)	1,495.00
1200-ZVK-220	Color CCD Video	0.5X	NTSC	220	1270's (Trinocular)	1,760.00
1200-ZVKP	Color CCD Video	0.5X	PAL	110	1270's (Trinocular)	1,600.00
1200-ZVKP-220	Color CCD Video	0.5X	PAL	220	1270's (Trinocular)	1,800.00
1100-ZVK	Color CCD Video	0.5X	NTSC		1132ZF, 1134ZH	1,495.00

NOTE: All packages include video cables (RCA & S-Video) and power supplies.



### Microscopes, XLi Digital Camera Systems w/ Microscopy Software

VanGuard® Adapters

Cat. No.	Camera	Camera Model	For Microscope Models	List Price (Each)
1400-CDPC	CMOS USB Digital Camera	XLi 2M	1430's, 1480's, 1330's, 1115AMH	1,620.00
1490-CDPC	CMOS USB Digital Camera	XLi 2M	1490's	1,620.00
1200-CDPC	CMOS USB Digital Camera	XLi 2M	1230's, 1240's, 1280's, 1290's	1,620.00
1200-ZDPC	CMOS USB Digital Camera	XLi 2M	1270's (Trinocular)	1,620.00
1100-ZDPC	CMOS USB Digital Camera	XLi 2M	1132ZF, 1134ZH	1,620.00
1400-CDPC-3	CMOS USB Digital Camera	XLi 3M	1430's, 1480's, 1330's, 1115AMH	1,820.00
1490-CDPC-3	CMOS USB Digital Camera	XLi 3M	1490's	1,820.00
1200-CDPC-3	CMOS USB Digital Camera	XLi 3M	1230's, 1240's, 1280's, 1290's	1,820.00
1200-ZDPC-3	CMOS USB Digital Camera	XLi 3M	1270's (Trinocular)	1,820.00
1100-ZDPC-3	CMOS USB Digital Camera	XLi 3M	1132ZF, 1134ZH	1,820.00
1400-DC2M	CMOS USB Digital Camera	XLi 2M	CAMERA ONLY	1,495.00
1400-DC3M	CMOS USB Digital Camera	XLi 3M	CAMERA ONLY	1,695.00
1400-CDPCNC	NO CAMERA/ADAPTERS ONLY	Adapters Fit XLi 2M & 3M	1430's, 1480's, 1330's, 1115AMH	125.00
1490-CDPCNC	NO CAMERA/ADAPTERS ONLY	Adapters Fit XLi 2M & 3M	1490's	125.00
1200-CDPCNC	NO CAMERA/ADAPTERS ONLY	Adapters Fit XLi 2M & 3M	1230's, 1240's, 1280's, 1290's	125.00
1200-ZDPCNC	NO CAMERA/ADAPTERS ONLY	Adapters Fit XLi 2M & 3M	1270's (Trinocular)	125.00
1100-ZDPCNC	NO CAMERA/ADAPTERS ONLY	Adapters Fit XLi 2M & 3M	1132ZF, 1134ZH	125.00

NOTE: Packages that contain XLi camera include USB cable and software (Windows only).



### Microscopes, Digital Camera Systems

VanGuard® Adapters

Cat. No.	Camera	Model	Tube Adapter	Lens Assembly	Fits Tube Sizes	For Models	List Price (Each)
1400-CDCK-B*	Digital Camera	Call for Current Model	Not Required	0.4X	23.2 & 30.5 mm	1400's (Trinocular), 1330's	1,650.00
1400-CNC-B	NO CAMERA	NO CAMERA	Not Required	0.4X	23.2 & 30.5 mm	1400's (Trinocular), 1330's	695.00
1200-CCDCK-B*	Digital Camera	Call for Current Model	Yes	0.4X	23.2 & 30.5 mm	1230's, 1240's, 1280's, 1290's	1,650.00
1200-CCNC-B	NO CAMERA	NO CAMERA	Yes	0.4X	23.2 & 30.5 mm	1230's, 1240's, 1280's, 1290's	695.00
1200-ZCDCK-B*	Digital Camera	Call for Current Model	Yes	0.4X	23.2 & 30.5 mm	1270's (Trinocular)	1,650.00
1200-ZCNC-B	NO CAMERA	NO CAMERA	Yes	0.4X	23.2 & 30.5 mm	1270's (Trinocular)	695.00
1100-ZCDCK-B*	Digital Camera	Call for Current Model	Yes	0.4X	23.2 & 30.5 mm	1132ZF, 1134ZH	1,650.00
1100-ZCNC-B	NO CAMERA	NO CAMERA	Yes	0.4X	23.2 & 30.5 mm	1132ZF, 1134ZH	695.00

NOTE: Prices and camera model subject to change. Additional adapters are available to adapt many digital camera models to VanGuard® Microscopes. Please contact us for details.

\*Packages include power supply, USB cable, adapters, & software (Windows & Mac).



### Microscopes, Camera Systems, Video Eyepiece

VanGuard®

Cat. No.	Camera	Lens Assembly	Fits Tube Sizes	For Models	List Price (Each)
1200-VEK*	Video Eyepiece	0.4X	23.2 & 30.5 mm	1430's, 1480's, 1330's, 1115AMH	299.00
1200-CVEK*	Video Eyepiece	0.4X	23.2 & 30.5 mm	1200CM's, 1240's, 1280's, 1290's	337.00
1200-ZVEK*	Video Eyepiece	0.4X	23.2 & 30.5 mm	1250's, 1260's, 1270's	337.00
1100-ZVEK*	Video Eyepiece	0.4X	23.2 & 30.5 mm	1132ZF, 1134ZH	337.00
1200-VFE	Eyepiece, Video Framing, 10X, 23mm O.D.			Used w/ 1200-VEK, 1200-CVEK	61.00
1200-ML	Macro CCD Lens, F6.1			Used w/ All Video Eyepieces	20.00

\*Packages include power supply & RCA video cable. Video signal is NTSC. Voltage is 110.

Prices subject to change.



# 2008 Price List

## Clarkson Laboratory Supply

### Microscopes, Fiber Optic Light Sources

VanGuard®

Cat. No.	Description	Lamp	Variable Illumination	Voltage	List Price (Each)
1200-L150	Light Source	150W Halogen	Yes	110	492.00
1200-L150-220	Light Source	150W Halogen	Yes	220	535.00
1200-L20	Light Source	20W Halogen	No	110	170.00
1200-L20-220	Light Source	20W Halogen	No	220	185.00

NOTE: Light sources NOT supplied with guides; they must be purchased separately.



### Microscopes, Fiber Optic Light Guides

VanGuard®

Cat. No.	Description	Type	Length	For Light Source Model	List Price (Each)
1200-SG18A	Light Guide	Single Gooseneck	18 in	1200-L150	179.00
1200-SG18B	Light Guide	Single Gooseneck	18 in	1200-L20	179.00
1200-BG18A	Light Guide	Dual Gooseneck	18 in	1200-L150	378.00
1200-BG18B	Light Guide	Dual Gooseneck	18 in	1200-L20	358.00
1200-RL36	Light Guide	Ring Light	36 in	1200-L150	610.00



### Microscopes, Fiber Optic Lighting Accessories

VanGuard®

Cat. No.	Description	For Light Source Model	List Price (Each)
1200-LGFL	Light Guide Focusing Lens	All Light Guides EXCEPT 1200-RL36	77.00
1200-LEIV	Bulb, 150W, 3400K Color, 40-Hour Life	1200-L150	36.00
1200-LEKE	Standard Bulb, 150W, 3250K Color, 200-Hour Life	1200-L150	36.00
1200-LL20	Bulb, 20W, 3100K Color, 2000-Hour Life	1200-L20	36.00

### Microscopes, Fluorescent Ring Lamps

VanGuard®

Cat. No.	Description	For Models	List Price (Each)
1200-LFLR	Fluorescent Ring Lamp w/50mm Adapter, 8W, 110V	1120's, 1130's, 1250's, 1260's, 1270's	95.00
1200-8WFLR	Ring Lamp Bulb, Fluorescent, 8W (500-Hour Life)	1200-LFLR	15.25



### Microscopes, Parts & Accessories

VanGuard®

Cat. No.	Description	For Models	List Price (Each)
<b>Condensers</b>			
1400-CMAC	1.25 N.A. Abbe w/ Iris & Filter Holder	1400BR (Older Models), 1482FL	42.00
1400-CMACi	1.25 N.A. Abbe w/ Iris, w/out Filter Holder	1400's (Current Models, except 1490's), 1300's	40.00
1400-CMDCD	0.90 N.A. Darkfield (Dry)	1400's (Brightfield Models), 1300BR's	125.00
1400-CMDCI	1.25-1.36 N.A. Darkfield (Immersion)	1400's (Brightfield Models), 1300BR's	190.00
1400-CMPC	1.25 N.A. Zemike Phase w/Iris & Filter Holder	1400's (Non Infinity)	255.00
1400-CMPCi	1.25 N.A. Zemike Phase w/Iris & Darkfield Stop	1400PHi's	255.00
1200-CMAC	1.25 N.A. Abbe w/ Iris & Filter Holder	1210's, 1220's, 1230's	39.00
1200-CMPCA	1.25 N.A. Zemike Phase w/ Iris & Filter Holder	1210's, 1220's, 1230's, 1286ECM	205.00
1200-AMAC	1.25 N.A. Abbe w/ Iris & Filter Holder	1242MM, 1282ECM	150.00
1200-CMBC	0.40 N.A. LWD (30 mm) Brightfield Condenser w/Iris & Filter Holder	1291CMI	105.00
1200-CMIPC	1.25 N.A. Zemike Phase w/ Iris & Filter Holder	1293CMI	220.00
1200-CMDCD	0.85 N.A. Darkfield (Dry)	1210CM, 1211CM, 1220CM, 1221CM, 1230CM, 1231CM, 1242MM, 1280's	120.00
1200-CMDCI	1.25 N.A. Darkfield (Immersion)	1210CM, 1211CM, 1220CM, 1221CM, 1230CM, 1231CM, 1280's	180.00
1200-SDC	Darkfield Condenser	1130's, 1250's, 1260's, 1270ZF's, 1270ZH's	85.00

Prices subject to change.

# 2008 Price List Clarkson Laboratory Supply

## Microscopes, Parts & Accessories (continued)

VanGuard®

Cat. No.	Description	For Models	List Price (Each)
<b>Eyepieces</b>			
1400-10XCME	10X Widefield, Each	1400's	32.00
1400-15XCME	15X Semi-Widefield, Each	1400's, 1400i's, 1300's, 1200CM's, 1100AMH's, 1109AMI	45.00
1400-20XCME	20X Semi-Widefield, Each	1400's, 1400i's, 1300's, 1100AMH's, 1109AMI	52.25
1400-10XHE23E	10X Extra-Widefield, High Eyepoint, 23mm, Each	1200CM's, 1300's, 1400's (except 1490's)	38.00
1400-10XHE30E	10X Ultra-Widefield, High Eyepoint, 30mm, Each	1490's	54.00
1200-10XSME	10X Widefield, Each	1120's, 1130's, 1250's, 1260's	39.00
1200-10XZME	10X Widefield, Each	1270's	47.00
1200-15XSZME	15X Semi-Widefield, Each	1120's, 1130's, 1250's, 1260's, 1270's	47.00
1200-20XSZME	20X Semi-Widefield, Each	1120's, 1130's, 1250's, 1260's, 1270's	52.00
1200-10XCME	10X Widefield, Each	1101EM, 1102SM, 1200CM's, 1290's	36.00
1200-16XCME	16X Semi-Widefield, Each	1101EM, 1102SM, 1200CM's, 1240's, 1280's, 1290's	35.00
1200-20XCME	20X Semi-Widefield, Each	1101EM, 1102SM, 1200CM's, 1240's, 1280's, 1290's	52.25
1200-10XAME	10X Widefield, Each	1240's, 1280's	45.00
1100-10XAMHE	10X Widefield, Each	1109AMI, 1100AMH's	32.00
1100-10XEME	10X Widefield, Each	1101EM	23.00
<b>Filters</b>			
1400-BF44	Blue	1400i's	5.00
1400-GF44	Green	1400i's	5.00
1400-NF44	Dispersion	1400i's	5.00
1400-BF45	Blue	1490's	5.00
1400-GF45	Green	1490's	5.00
1400-NF45	Dispersion	1490's	5.00
1200-BF	Blue	1300's, 1200CM's, 1242MM, 1280's, 1290's	5.00
1200-GF	Green	1300's, 1212CM, 1213CM, 1222CM, 1223CM, 1232CM, 1233CM, 1286ECM, 1293CM	5.00
1200-NF	Dispersion	1300's, 1200CM's, 1242MM, 1280's, 1290's	5.00
1200-YF	Yellow	1300's, 1200CM's, 1242MM, 1280's, 1290's	5.00
1200-BFZH	Blue	1270ZH's, 1270ZF's	10.00
<b>Fluorescence Kits &amp; Accessories</b>			
1400-EFH	Fluorescence Filter Holder (No Filters)	1480's	50.00
1400-FHWF	Fluorescence Filter Holder w/ 2 Broadband Filters (Blue & Green)	1480's	1,026.00
1400-FFXF0XX	Fluorescence Specialty Filters for Single- & Multiple-Dye Applications	1480's	Call for Price
1400-KFL	Fluorescence Upgrade Kit	1420's, 1430's	3,380.00
<b>Fuses</b>			
1400-FS1	Fuse, 0.25A 250V	1300's, 1400BR's(2), 1400PH's(2), & 1480's(2)	2.00
1400-FS3	Fuse, 5.0A 250V	1482FL & 1486FL External Power Supply	2.00
1400-FS4	Fuse, 8.0A 250V	1482FLi & 1486FLi External Power Supply (2)	2.00
1200-FS1	Fuse, 0.5A 250V	1101EM, 1109AMI, 1100AMH's, 1200CM's, 1240's, 1280's, 1290's, 1490's(2)	2.00
1200-FS2	Fuse, 5.0A 250V	1282ECM & 1286ECM External Power Supply	2.00
1200-FS3	Fuse, 0.75A 250V	1250's, 1260's, 1270ZF's, 1270ZH's, 1130's	2.00
<b>Immersion Oil</b>			
1200-HOG	Immersion Oil, Low Viscosity (7.4 ml / ¼ oz)	All Oil Immersion Objectives (Except Fluorescence)	3.50
1200-HOF	Immersion Oil, for Fluorescence (7.4 ml / ¼ oz)	All Fluorescence Oil Immersion Objectives	5.75
<b>Kohler Illumination</b>			
1400-KIA	Field Diaphragm, for Kohler Illumination	1400's	129.00
1200-KIA	Field Diaphragm, for Kohler Illumination	1200CM's, 1242MM, 1280's	32.00
<b>Lamps</b>			
1400-20WHL	20W Halogen	1400's (except 1490's)	7.50
1400-30WHL	30W Halogen	1490's	7.50
1400-100WMLS	100W Mercury	1280's & 1480's Fluorescence Illuminator	58.00
1200-5WFL	5W Fluorescent, 2 Pin (Older Style)	1260SF's, 1270ZF's, 1130ZF's	10.00
1200-5WFL4	5W Fluorescent, 4 Pin (Current Models)	1260SF's, 1270ZF's, 1130ZF's	10.00
1200-5WFL-220	5W Fluorescent, 220V, 2 Pin	1260ZF's, 1270ZF's, 1130ZF's(220V)	10.00
1200-15WHL	15W Halogen w/ Reflector	1250's, 1260's, 1270ZH's, 1270ZF's, 1130's (Upper)	10.00
1200-15WHL	15W Halogen	1250's, 1270ZH's, 1130ZH's (Lower)	7.50
1200-20WHL	20W Halogen	1300's, 1200CM's, 1240's, 1280's, 1290's, 1100AMH's	7.50
1100-20WIL	20W Incandescent	1101EM, 1102SM, 1109AMI	4.80
1100-20WIL-220	20W Incandescent, 220V	1101EM, 1102SM, 1109AMI (220V Models)	4.80
<b>Lenses, Supplementary</b>			
1200-SL05	0.5X Reduction	1120's, 1130's, 1250's, 1260's, 1270's	130.00
1200-SL10	1.0X Protective Lens	1120's, 1130's, 1250's, 1260's, 1270's	39.00
1200-SL15	1.5X Magnification	1120's, 1130's, 1250's, 1260's, 1270's	145.00
1200-SL20	2.0X Magnification	1120's, 1130's, 1250's, 1260's, 1270's	160.00

Prices subject to change.

## 2008 Price List Clarkson Laboratory Supply

### Microscopes, Parts & Accessories (continued)

VanGuard®

Cat. No.	Description	For Models	List Price (Each)
<b>Objectives</b>			
1400-004XBAO	4X Achromatic (DIN), 0.10 N.A.	1300's, 1400's	28.00
1400-010XBAO	10X Achromatic (DIN), 0.25 N.A.	1300's, 1400's	42.00
1400-020XBAO	20X Achromatic (DIN), 0.40 N.A.	1300's, 1400's	60.00
1400-040XBAO	40X Achromatic (DIN), 0.65 N.A.	1300's, 1400's	67.00
1400-060XBAO	60X Achromatic (DIN), 0.85 N.A.	1200CM's, 1300's, 1400's	91.00
1400-100XBAO	100X Achromatic-Oil (DIN), 1.25 N.A.	1300's, 1400's	98.00
1400-004XBPO	4X Plan (DIN), 0.10 N.A.	1400's	57.00
1400-010XBPO	10X Plan (DIN), 0.25 N.A.	1400's	105.00
1400-020XBPO	20X Plan (DIN), 0.40 N.A.	1400's	141.00
1400-040XBPO	40X Plan (DIN), 0.65 N.A.	1400's	186.00
1400-050XBPO	50X Plan-Oil (DIN), 0.95 N.A.	1200CM's, 1400's	525.00
1400-060XBPO	60X Plan (DIN), 0.85 N.A.	1200CM's, 1400's	232.00
1400-100XBPO	100X Plan-Oil (DIN), 1.25 N.A.	1400's	261.00
1400-004XBPOi	4X Plan Infinity (DIN), 0.10 N.A.	1300BRi's, 1400BRi's, 1480FLi's	67.00
1400-010XBPOi	10X Plan Infinity (DIN), 0.25 N.A.	1300BRi's, 1400BRi's, 1480FLi's	89.00
1400-020XBPOi	20X Plan Infinity (DIN), 0.40 N.A.	1300BRi's, 1400BRi's, 1480FLi's	130.00
1400-040XBPOi	40X Plan Infinity (DIN), 0.65 N.A.	1300BRi's, 1400BRi's, 1480FLi's	152.00
1400-050XBPOi	50X Plan-Oil Infinity (DIN), 0.95 N.A.	1300BRi's, 1400BRi's, 1480FLi's	540.00
1400-100XBPOi	100X Plan-Oil Infinity (DIN), 1.25 N.A.	1300BRi's, 1400BRi's, 1480FLi's	230.00
1400-010XPP0	10X Plan Phase Contrast (DIN), 0.25 N.A.	1400PH's, 1486FL	115.00
1400-020XPP0	20X Plan Phase Contrast (DIN), 0.40 N.A.	1400PH's, 1486FL	180.00
1400-040XPP0	40X Plan Phase Contrast (DIN), 0.65 N.A.	1400PH's, 1486FL	213.00
1400-100XPP0	100X Plan-Oil Phase Contrast (DIN), 1.25 N.A.	1400PH's, 1486FL	318.00
1400-010XPP0i	10X Plan Phase Contrast Infinity (DIN), 0.25 N.A.	1300PHi's, 1400PHi's	115.00
1400-020XPP0i	20X Plan Phase Contrast Infinity (DIN), 0.40 N.A.	1300PHi's, 1400PHi's	180.00
1400-040XPP0i	40X Plan Phase Contrast Infinity (DIN), 0.65 N.A.	1300PHi's, 1400PHi's	213.00
1400-100XPP0i	100X Plan-Oil Phase Contrast Infinity (DIN), 1.25 N.A.	1300PHi's, 1400PHi's	318.00
1400-004XFLO	4X Achromatic UV Pass (DIN), 0.10 N.A.	1480FL's	28.00
1400-010XFLO	10X Achromatic UV Pass (DIN), 0.25 N.A.	1480FL's	42.00
1400-040XFLO	40X Achromatic UV Pass (DIN), 0.65 N.A.	1480FL's	67.00
1400-100XFLO	100X Achromatic UV Pass (DIN), 1.25 N.A.	1480FL's	98.00
1400-004XLBOi	4X Plan Infinity (DIN), LWD, 0.10 N.A.	1490's	58.00
1400-010XLBOi	10X Plan Infinity (DIN), LWD, 0.25 N.A.	1490's	75.00
1400-020XLBOi	20X Plan Infinity (DIN), LWD, 0.40 N.A.	1490's	110.00
1400-040XLBOi	40X Plan Infinity (DIN), LWD, 0.60 N.A.	1490's	150.00
1400-010XLPOi	10X Plan Phase Infinity (DIN), LWD, 0.25 N.A.	1493INI	140.00
1400-020XLPOi	20X Plan Phase Infinity (DIN), LWD, 0.40 N.A.	1493INI	160.00
1400-040XLPOi	40X Plan Phase Infinity (DIN), LWD, 0.60 N.A.	1493INI	220.00
1200-004XBAO	4X Achromatic (DIN), 0.10 N.A.	1200CM's	28.00
1200-010XBAO	10X Achromatic (DIN), 0.25 N.A.	1200CM's	42.00
1200-020XBAO	20X Achromatic (DIN), 0.40 N.A.	1200CM's	60.00
1200-040XBAO	40X Achromatic (DIN), 0.65 N.A.	1200CM's	67.00
1200-100XBAO	100X Achromatic-Oil (DIN), 1.25 N.A.	1200CM's	98.00
1200-010XPAO	10X Achromatic Phase (DIN), 0.25 N.A.	1212CM, 1222CM, 1232CM	90.00
1200-020XPAO	20X Achromatic Phase (DIN), 0.40 N.A.	1212CM, 1222CM, 1232CM	121.00
1200-040XPAO	40X Achromatic Phase (DIN), 0.65 N.A.	1212CM, 1222CM, 1232CM	143.00
1200-100XPAO	100X Achromatic Phase-Oil (DIN), 1.25 N.A.	1212CM, 1222CM, 1232CM	206.00
1200-004XBPO	4X Plan (DIN), 0.10 N.A.	1200CM's, 1240's, 1280's, 1290's	50.00
1200-010XBPO	10X Plan (DIN), 0.25 N.A.	1200CM's, 1280's	90.00
1200-020XBPO	20X Plan (DIN), 0.40 N.A.	1200CM's, 1280's	115.00
1200-025XBPO	25X Plan (DIN), 0.40 N.A.	1200CM's, 1280's	115.00
1200-040XBPO	40X Plan (DIN), 0.65 N.A.	1200CM's, 1280's	155.00
1200-060XBPO	60X Plan (DIN), 0.85 N.A.	1200CM's, 1280's	232.00
1200-100XBPO	100X Plan-Oil (DIN), 1.25 N.A.	1200CM's, 1280's	215.00
1200-010XPP0	10X Plan Phase (DIN), 0.25 N.A.	1213CM, 1223CM, 1233CM, 1286ECM	129.00
1200-020XPP0	20X Plan Phase (DIN), 0.40 N.A.	1213CM, 1223CM, 1233CM, 1286ECM	180.00
1200-025XPP0	25X Plan Phase (DIN), 0.40 N.A.	1213CM, 1223CM, 1233CM, 1286ECM	180.00
1200-040XPP0	40X Plan Phase (DIN), 0.65 N.A.	1213CM, 1223CM, 1233CM, 1286ECM	185.00
1200-100XPP0	100X Plan Phase-Oil (DIN), 1.25 N.A.	1213CM, 1223CM, 1233CM, 1286ECM	309.00
1200-025XFLO	25X Achromatic UV Pass (DIN), 0.65 N.A.	1280's	169.00
1200-040XFLO	40X Achromatic UV Pass (DIN), 1.00 N.A.	1280's	230.00

Prices subject to change.

## 2008 Price List Clarkson Laboratory Supply

### Microscopes, Parts & Accessories (continued)

VanGuard®

Cat. No.	Description	For Models	List Price (Each)
<b>Objectives (cont')</b>			
1200-010XLRO	10X Plan (DIN), LWD, 0.25 N.A.	1240's	143.00
1200-020XLRO	20X Plan (DIN), LWD, 0.40 N.A.	1240's	145.00
1200-025XLRO	25X Plan (DIN), LWD, 0.40 N.A.	1240's	145.00
1200-040XLRO	40X Plan (DIN), LWD, 0.60 N.A.	1240's	155.00
1200-060XLRO	60X Plan (DIN), LWD, 0.75 N.A.	1240's	185.00
1200-080XLRO	80X Plan (DIN), LWD, 0.80 N.A.	1240's	195.00
1200-010XLBO	10X Plan (DIN), LWD, 0.25 N.A.	1290's	105.00
1200-025XLBO	25X Plan (DIN), LWD, 0.40 N.A.	1290's	160.00
1200-040XLBO	40X Plan (DIN), LWD, 0.65 N.A.	1290's	195.00
1200-010XLPO	10X Plan Phase (DIN), LWD, 0.25 N.A.	1293CMI	125.00
1200-025XLPO	25X Plan Phase (DIN), LWD, 0.40 N.A.	1293CMI	185.00
1200-040XLPO	40X Plan Phase (DIN), LWD, 0.65 N.A.	1293CMI	220.00
1100-004XBAA	4X Achromatic (DIN), 0.10 N.A.	1100AMH's, 1109AMI, 1102SM	17.00
1100-010XBAA	10X Achromatic (DIN), 0.25 N.A.	1100AMH's, 1109AMI, 1102SM	22.00
1100-040XBAA	40X Achromatic (DIN), 0.65 N.A.	1100AMH's, 1109AMI, 1102SM	42.00
1100-060XBAA	60X Achromatic (DIN), 0.85 N.A.	1100AMH's, 1109AMI, 1102SM	67.00
1100-100XBAA	100X Achromatic (DIN), 1.25 N.A.	1100AMH's	72.00
<b>Phase Contrast Kits &amp; Accessories</b>			
1400-PCT	Centering Telescope for Phase Contrast	1423PHi, 1433PHi, 1486FL	80.00
1400-PCTi	Centering Telescope for Phase Contrast	1493Ni	90.00
1200-PCT	Centering Telescope for Phase Contrast	1212CM, 1213CM, 1222CM, 1223CM, 1232CM, 1233CM, 1286ECM	80.00
1200-PCTi	Centering Telescope for Phase Contrast	1293CMI	80.00
<b>Polarizing Kits</b>			
1400-PAK	Polarizer/Analyzer, Transmitted	1400's (Non Infinity)	75.00
1400-PAKi	Polarizer/Analyzer, Transmitted	1400's	75.00
1200-PAK	Polarizer/Analyzer, Transmitted	1200CM's, 1242MM, 1280's (w/o Kohler Illumination)	42.50
1200-PAK-38	Polarizer/Analyzer, Ø38mm, Transmitted	1200CM's, 1242MM, 1280's (w/ Kohler Illumination), 1300's	40.00
1200-ZPAK	Polarizer/Analyzer, Transmitted	1130's, 1250's, 1260's, 1270's	155.00
<b>Stand, Boom</b>			
1200-SB	Boom Stand, with Head Assembly Holder, Head <b>NOT</b> Included	1200Z Heads	260.00
1200-ABLZ	Adapter, Modifies 100mm Boom Stand to Fit VanGuard® Zoom Head	1200Z Heads	75.00
<b>Stage Plates</b>			
1400-SPG	Stage Insert, Glass	1490's	45.00
1400-SPP	Stage Insert: Petri Dish, 38mm	1490's	45.00
1400-SPS	Stage Insert: Slide/Petri Dish, 54mm	1490's	45.00
1400-SPT	Stage Insert: Terasaki/Petri Dish, 65mm	1490's	45.00
1200-SPFR	Stage Plate, Frosted	1130's, 1250's, 1260's, 1270ZF's, 1270ZH's	4.75
1200-SPBW	Stage Plate, Black & White Reversible	1120's, 1130's, 1250's, 1260's, 1270ZF's, 1270ZH's	7.25
1200-SPBW1	Stage Plate, Black & White Reversible	1270ZP's	8.50
<b>Miscellaneous</b>			
1200-MLCK	Cleaning Kit, Microscope Lens	All Microscopes	5.50
1400-LP	Lens Paper, 4 x 6 in Booklet, 50 Sheets/Booklet	All Microscopes	1.75
45000-OT001	VEE GEE Optical Tissue, 280/Box	All Microscopes	4.00

### Microscopes, Reticles & Micrometers

VanGuard®, All Reticles Installed In An Eyepiece

Cat. No.	Description	For Models	List Price (Each)
<b>Scale Reticles</b>			
1400-RSM5C10Ci	5 mm, 100 Divisions (0.05 mm), 10X Eyepiece	1400i's, 1300's	166.00
1400-RSM5C10C	5 mm, 100 Divisions (0.05 mm), 10X Eyepiece	1400's	150.00
1400-RSM5C15C	5 mm, 100 Divisions (0.05 mm), 15X Eyepiece	1400's, 1400i's, 1300's, 1200CM's, 1240's, 1280's, 1290's, 1100AMH's	169.00
1400-RSM5C20C	5 mm, 100 Divisions (0.05 mm), 20X Eyepiece	1400's, 1400i's, 1300's, 1200CM's, 1240's, 1280's, 1290's, 1100AMH's	180.00
1490-RSM5C10C	5 mm, 100 Divisions (0.05 mm), 10X Eyepiece	1490's	183.00
1200-RSM5C10C	5 mm, 100 Divisions (0.05 mm), 10X Eyepiece	1200CM's, 1290's	165.00
1200-RSM5C10A	5 mm, 100 Divisions (0.05 mm), 10X Eyepiece	1240's, 1280's	165.00
1200-RSM5C10S	5 mm, 100 Divisions (0.05 mm), 10X Eyepiece	1120's, 1130's, 1250's, 1260's	169.00
1200-RSM5C10Z	5 mm, 100 Divisions (0.05 mm), 10X Eyepiece	1270's	177.00
1200-RSM5C15SZ	5 mm, 100 Divisions (0.05 mm), 15X Eyepiece	1120's, 1130's, 1250's, 1260's, 1270's	177.00
1100-RSM5C10C	5 mm, 100 Divisions (0.05 mm), 10X Eyepiece	1109AMI, 1100AMH's, 1102SM	87.00

Prices subject to change.

## 2008 Price List

# Clarkson Laboratory Supply

### Microscopes, Reticles & Micrometers (continued)

VanGuard®. All Reticles Installed In An Eyepiece

Cat. No.	Description	For Models	List Price (Each)
<b>Scale Reticles</b>			
1400-RSM10C10Ci	10 mm, 100 Divisions (0.1 mm), 10X Eyepiece	1400i's, 1300's	166.00
1400-RSM10C10C	10 mm, 100 Divisions (0.1 mm), 10X Eyepiece	1400's	150.00
1400-RSM10C15C	10 mm, 100 Divisions (0.1 mm), 15X Eyepiece	1400's, 1400i's, 1300's, 1200CM's, 1240's, 1280's, 1290's, 1100AMH's	169.00
1400-RSM10C20C*	10 mm, 100 Divisions (0.1 mm), 20X Eyepiece	1400's, 1400i's, 1300's, 1200CM's, 1240's, 1280's, 1290's, 1100AMH's	180.00
1490-RSM10C10C	10 mm, 100 Divisions (0.1 mm), 10X Eyepiece	1490's	183.00
1200-RSM10C10C	10 mm, 100 Divisions (0.1 mm), 10X Eyepiece	1200CM's, 1290's	165.00
1200-RSM10C10A	10 mm, 100 Divisions (0.1 mm), 10X Eyepiece	1240's, 1280's	165.00
1200-RSM10C10S	10 mm, 100 Divisions (0.1 mm), 10X Eyepiece	1120's, 1130's, 1250's, 1260's	169.00
1200-RSM10C10Z	10 mm, 100 Divisions (0.1 mm), 10X Eyepiece	1270's	177.00
1200-RSM10C15SZ	10 mm, 100 Divisions (0.1 mm), 15X Eyepiece	1120's, 1130's, 1250's, 1260's, 1270's	177.00
1100-RSM10C10C	10 mm, 100 Divisions (0.1 mm), 10X Eyepiece	1109AMI, 1100AMH's, 1102SM	87.00
1400-RSE05C10Ci	0.500 in, 100 Divisions (0.005 in), 10X Eyepiece	1400i's, 1300's	166.00
1400-RSE05C10C	0.500 in, 100 Divisions (0.005 in), 10X Eyepiece	1400's, 1100AMH's	150.00
1490-RSE05C10C	0.500 in, 100 Divisions (0.005 in), 10X Eyepiece	1490's	183.00
1200-RSE05C10C	0.500 in, 100 Divisions (0.005 in), 10X Eyepiece	1200CM's, 1290's	165.00
1200-RSE05C10A	0.500 in, 100 Divisions (0.005 in), 10X Eyepiece	1240's, 1280's	165.00
1200-RSE05C10S	0.500 in, 100 Divisions (0.005 in), 10X Eyepiece	1120's, 1130's, 1250's, 1260's	169.00
1200-RSE05C10Z	0.500 in, 100 Divisions (0.005 in), 10X Eyepiece	1270's	177.00
1200-RSE05C15SZ	0.500 in, 100 Divisions (0.005 in), 15X Eyepiece	1120's, 1130's, 1250's, 1260's, 1270's	177.00
<b>Grid Reticles</b>			
1400-RGM10110Ci	10 mm x 10 mm, 100 Squares (1 mm <sup>2</sup> ), 10X Eyepiece	1400i's, 1300's	166.00
1400-RGM10110C	10 mm x 10 mm, 100 Squares (1 mm <sup>2</sup> ), 10X Eyepiece	1400's, 1100AMH's	150.00
1490-RGM10110C	10 mm x 10 mm, 100 Squares (1 mm <sup>2</sup> ), 10X Eyepiece	1490's	183.00
1200-RGM10110C	10 mm x 10 mm, 100 Squares (1 mm <sup>2</sup> ), 10X Eyepiece	1200CM's, 1290's	165.00
1200-RGM10110A	10 mm x 10 mm, 100 Squares (1 mm <sup>2</sup> ), 10X Eyepiece	1240's, 1280's	165.00
1200-RGM10110S	10 mm x 10 mm, 100 Squares (1 mm <sup>2</sup> ), 10X Eyepiece	1120's, 1130's, 1250's, 1260's	169.00
1200-RGM10110Z	10 mm x 10 mm, 100 Squares (1 mm <sup>2</sup> ), 10X Eyepiece	1270's	177.00
1200-RGM10115SZ	10 mm x 10 mm, 100 Squares (1 mm <sup>2</sup> ), 15X Eyepiece	1120's, 1130's, 1250's, 1260's, 1270's	177.00
1400-RGM100510Ci	10 mm x 10 mm, 400 Squares (0.5 mm <sup>2</sup> ), 10X Eyepiece	1400i's, 1300's	166.00
1400-RGM100510C	10 mm x 10 mm, 400 Squares (0.5 mm <sup>2</sup> ), 10X Eyepiece	1400's, 1100AMH's	150.00
1490-RGM100510C	10 mm x 10 mm, 400 Squares (0.5 mm <sup>2</sup> ), 10X Eyepiece	1490's	183.00
1200-RGM100510C	10 mm x 10 mm, 400 Squares (0.5 mm <sup>2</sup> ), 10X Eyepiece	1200CM's, 1290's	165.00
1200-RGM100510A	10 mm x 10 mm, 400 Squares (0.5 mm <sup>2</sup> ), 10X Eyepiece	1240's, 1280's	165.00
1200-RGM100510S	10 mm x 10 mm, 400 Squares (0.5 mm <sup>2</sup> ), 10X Eyepiece	1120's, 1130's, 1250's, 1260's	169.00
1200-RGM100510Z	10 mm x 10 mm, 400 Squares (0.5 mm <sup>2</sup> ), 10X Eyepiece	1270's	177.00
1200-RGM100515SZ	10 mm x 10 mm, 400 Squares (0.5 mm <sup>2</sup> ), 15X Eyepiece	1120's, 1130's, 1250's, 1260's, 1270's	177.00
<b>General Reticles</b>			
1400-RCH10Ci	Crosshair, 0.006 in Line Width, 10X Eyepiece	1400i's, 1300's	166.00
1400-RCH10C	Crosshair, 0.006 in Line Width, 10X Eyepiece	1400's, 1100AMH's	150.00
1490-RCH10C	Crosshair, 0.006 in Line Width, 10X Eyepiece	1490's	183.00
1200-RCH10C	Crosshair, 0.006 in Line Width, 10X Eyepiece	1200CM's, 1290's	165.00
1200-RCH10A	Crosshair, 0.006 in Line Width, 10X Eyepiece	1240's, 1280's	165.00
1200-RCH10S	Crosshair, 0.006 in Line Width, 10X Eyepiece	1120's, 1130's, 1250's, 1260's	169.00
1200-RCH10Z	Crosshair, 0.006 in Line Width, 10X Eyepiece	1270's	177.00
1400-RPT10Ci	Pointer, 10X Eyepiece	1400i's, 1300's	166.00
1400-RPT10C	Pointer, 10X Eyepiece	1400's, 1100AMH's	150.00
1490-RPT10C	Pointer, 10X Eyepiece	1490's	183.00
1200-RPT10C	Pointer, 10X Eyepiece	1200CM's, 1290's	165.00
1200-RPT10A	Pointer, 10X Eyepiece	1240's, 1280's	165.00
1200-RPT10S	Pointer, 10X Eyepiece	1120's, 1130's, 1250's, 1260's	169.00
1200-RPT10Z	Pointer, 10X Eyepiece	1270's	177.00
1100-RPT10C	Pointer, 10X Eyepiece	1109AMI, 1100AMH's, 1102SM	40.00
<b>Application Specific</b>			
1400-RHM10Ci	Howard Mold Count, 10X Eyepiece (Counting Chamber Not Included)	1400i's, 1300's	166.00
1200-RHM10C	Howard Mold Count, 10X Eyepiece (Counting Chamber Not Included)	1200CM's, 1290's	165.00
1400-RWB310Ci	Walton & Becket, 3:1 Ratio, 10X Eyepiece	1400i's, 1300's	298.00
1200-RWB310C	Walton & Becket, 3:1 Ratio, 10X Eyepiece	1200CM's, 1290's	298.00
<b>Stage Micrometer/Calibration Plate</b>			
1200-SMM	Scale 1.0 mm, 0.01 mm/0.05 mm/0.1 mm increments	Metric Scale Reticles	196.00
1200-SME	Scale 0.1 in, 0.001 in/0.005 in/0.01 in increments	SAE (English) Scale Reticles	196.00
1200-SMME	1.0 mm/0.1 in, Dual Scale	Metric/SAE Scale Reticles	287.00
1200-SMM-C	Scale 1.0 mm, 0.01 mm/0.05 mm/0.1 mm increments	Metric Scale Reticles	65.00
1200-SM-010	Standard 10-Point Calibration (Minimum 10 Pts) (Micrometer Not Included)	Stage Micrometers	265.00

\*Due to the field size of the eyepiece, the whole scale cannot be seen.

Prices subject to change.

## 2008 Price List

# Clarkson Laboratory Supply

### Mortar & Pestle Sets

Bellwether®, Mortar w/ Lip, Glazed Outside Except for Bottom Surface, Pestle Glazed to Grinding Surface

Cat. No.	Capacity (ml)	Mortar O.D. (mm)	Pestle Length (mm)	List Price (Set)
5030	65	90	90	6.30
5031	145	120	130	10.15
5032	400	150	160	15.25
5033	1000	180	190	59.50



### Pipets, Measuring (Mohr)

Sibata, Reusable Glass, Class A, Color Coded, w/ Colored Markings, To Deliver

Cat. No.	Capacity (ml)	Graduation Interval	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
2010A-01-c	0.1	0.01	12	72	51.84	282.96
2010A-02-c	0.2	0.01	12	72	51.00	277.92
2010A-1-c	1	0.01	12	72	32.40	176.40
2010A-1-d	1	0.1	12	72	32.40	176.40
2010A-2-d	2	0.1	12	72	32.40	176.40
2010A-5	5	0.1	12	72	37.68	205.20
2010A-10	10	0.1	12	72	39.60	216.00
2010A-25	25	0.1	12	72	110.88	604.80



### Pipets, Serological

Sibata, Reusable Glass, Class A, Color Coded, w/ Colored Markings, To Deliver

Cat. No.	Capacity (ml)	Graduation Interval	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
2011A-01-c	0.1	0.01	12	72	51.84	282.96
2011A-02-c	0.2	0.01	12	72	51.00	277.92
2011A-1-c	1	0.01	12	72	32.40	176.40
2011A-1-d	1	0.1	12	72	32.40	176.40
2011A-2-d	2	0.1	12	72	32.40	176.40
2011A-5	5	0.1	12	72	37.68	205.20
2011A-10	10	0.1	12	72	39.60	216.00
2011A-25	25	0.1	12	72	110.88	604.80



### Pipets, Volumetric

Sibata, Reusable Glass, Class A, Color Coded, w/ Colored Markings, To Deliver

Cat. No.	Capacity (ml)	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
2040A-05	0.5	12	72	42.24	230.40
2040A-1	1	12	72	29.88	162.72
2040A-2	2	12	72	33.00	180.00
2040A-3	3	12	72	37.68	205.20
2040A-4	4	12	72	37.68	205.20
2040A-5	5	12	72	40.92	223.20
2040A-6	6	12	72	69.36	378.00
2040A-7	7	12	72	69.36	378.00
2040A-8	8	12	72	73.32	399.60
2040A-9	9	12	72	73.32	399.60
2040A-10	10	12	72	45.60	248.40
2040A-13	13	6	36	38.94	212.40
2040A-15	15	6	36	30.06	163.80
2040A-20	20	6	36	33.00	180.00
2040A-25	25	6	36	36.30	198.00
2040A-50	50	6	36	41.28	225.00
2040A-100	100	6	36	89.10	486.00

### Pipets, Volumetric, Wide-Tip Opening

Sibata, Reusable Glass, Class B, To Deliver

Cat. No.	Capacity (ml)	Pack Qty.	Case Qty.	List Price (Pack)	List Price (Case)
2040-1-1.9MM	1	12	72	35.04	190.80
2040-2-2.4MM	2	12	72	38.52	210.24
2040-5-3MM	5	12	72	44.40	241.92
2040-10-3MM	10	12	72	49.92	272.16
2040-20-3MM	20	6	36	34.74	189.36
2040-25-3MM	25	6	36	38.28	208.80
2040-50-3MM	50	6	36	42.90	234.00
2040-100-3MM	100	6	36	99.00	540.00

Prices subject to change.

## 2008 Price List

# Clarkson Laboratory Supply

### Polarimeters, Automatic, L-Series

Manufactured by Schmidt + Haensch

Cat. No.	Model	Scale	Range	Resolution/ Accuracy	Lamp/ Wavelength	List Price (Each)
46071	UniPol-L	Angular° ISS(°Z) Concentration	±90° ±259° 0-99g/ml	0.01°/±0.01° 0.05°/±0.02° 0.05/±0.05	Halogen λ=589nm	Call For Price

NOTE: Please call for pricing and availability.



### Polarimeters, Automatic, N-Series

Manufactured by Schmidt + Haensch

Cat. No.	Model	Scale	Range	Resolution/ Accuracy	Lamp/ Wavelength	List Price (Each)
46101	NHZ-8	Angular°	±85°	0.01°/±0.01°	Halogen	Call For Price
		ISS(°Z)	±230°	0.05°/±0.05°	λ=589nm	
46103	NHX	Angular°	±85°	0.01°/±0.01°	Halogen	Call For Price
		ISS(°Z)	±230°	0.05°/±0.05°	λ=546, 578, 633nm*	
46105	NW2	Angular°	±85°	0.01°/±0.01°	Halogen	Call For Price
		ISS(°Z)	±230°	0.05°/±0.05°	λ=546, 578, 589, 633nm*	
46107	NNIR	ISS(°Z)	±230°	0.05°/±0.05°	Halogen λ=882nm	Call For Price
46109	NNIRW2	ISS(°Z)	±230°	0.05°/±0.05°	Halogen λ=589, 882nm	Call For Price

NOTE: Please call for pricing and availability. \*Choose one wavelength of three available for model NHX; choose two of four available for model NW2.



### Polarimeters, Automatic, M-Series

Manufactured by Schmidt + Haensch

Cat. No.	Model	Scale	Range	Resolution/ Accuracy	Lamp/ Wavelength	List Price (Each)
46201	MHZ-8	Angular°	±85°	0.002°/±0.005°	Halogen	Call For Price
		ISS(°Z)	±230°	0.01°/±0.02°	λ=589nm	
46203	MHX	Angular°	±85°	0.002°/±0.005°	Halogen	Call For Price
		ISS(°Z)	±230°	0.01°/±0.02°	λ=405, 435, 546, 578, 633nm*	
46205	MHW2	Angular°	±85°	0.002°/±0.005°	Halogen	Call For Price
		ISS(°Z)	±230°	0.01°/±0.02°	λ=405, 435, 546, 578, 589nm*	
46207	MHW5	Angular°	±85°	0.002°/±0.005°	Halogen	Call For Price
		ISS(°Z)	±230°	0.01°/±0.02°	λ=405, 435, 546, 578, 589nm	
46209	MN8	Angular°	±85°	0.002°/±0.005°	Sodium Arc	Call For Price
		ISS(°Z)	±230°	0.01°/±0.02°	λ=589nm	
46211	MNQW2	Angular°	±85°	0.002°/±0.005°	Mercury Arc & Sodium Arc	Call For Price
		ISS(°Z)	±230°	0.01°/±0.02°	λ=546, 589nm	
46213	MNIR	ISS(°Z)	±230°	0.01°/±0.02°	Halogen λ=882nm	Call For Price
46215	MNIRW2	ISS(°Z)	±230°	0.01°/±0.02°	Halogen λ=589, 882nm	Call For Price

NOTE: Please call for pricing and availability. \*Choose one wavelength of five available for model MHX; choose two of five available for model MHW2.



### Polarimeters, Automatic, H-Series

Manufactured by Schmidt + Haensch

Cat. No.	Model	Scale	Range	Resolution/ Accuracy	Lamp/ Wavelength	List Price (Each)
46301	HH8	Angular°	±85°	0.001°/±0.002°	Halogen	Call For Price
		ISS(°Z)	±230°	0.01°/±0.02°	λ=589nm	
46303	HHX	Angular°	±85°	0.001°/±0.002°	Halogen	Call For Price
		ISS(°Z)	±230°	0.01°/±0.02°	λ=405, 435, 546, 578, 633, 882nm*	
46305	HHW5	Angular°	±85°	0.001°/±0.002°	Halogen	Call For Price
		ISS(°Z)	±230°	0.01°/±0.02°	λ=405, 435, 546, 578, 589nm	
46307	HN8	Angular°	±85°	0.001°/±0.002°	Sodium Arc	Call For Price
		ISS(°Z)	±230°	0.01°/±0.02°	λ=589nm	
46309	HNQW2	Angular°	±85°	0.001°/±0.002°	Mercury Arc & Sodium Arc	Call For Price
		ISS(°Z)	±230°	0.01°/±0.02°	λ=546, 589nm	
46311	HNQW5	Angular°	±85°	0.001°/±0.002°	Mercury Arc, Sodium Arc, & Halogen	Call For Price
		ISS(°Z)	±230°	0.01°/±0.02°	λ=546, 589nm (365, 405, 435, 578nm*)	

NOTE: Please call for pricing and availability. \*Choose one wavelength of six available for model HHX. Model HNQW5 comes standard with wavelengths 546 & 589nm; choose three of four additional wavelengths available in parenthesis.



Prices subject to change.

## 2008 Price List

# Clarkson Laboratory Supply

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### Polarimeters, SACCHAROMAT Series

Manufactured by Schmidt + Haensch

Cat. No.	Model	Scale	Range	Resolution/ Accuracy	Lamp/ Wavelength	List Price (Each)
46401	SACCHAROMAT-Z	ISS(°Z)	-35 to 105°	0.01°/±0.02°	Halogen λ=587nm	Call For Price
46403	SACCHAROMAT-NIR	ISS(°Z)	-35 to 105°	0.01°/±0.02°	Halogen λ=882nm	Call For Price
46405	SACCHAROMAT-NIRW2	ISS(°Z)	-35 to 105°	0.01°/±0.02°	Halogen λ=587, 882nm	Call For Price

NOTE: Please call for pricing and availability.



### Polarimeters, Manual

Manufactured by Schmidt + Haensch

Cat. No.	Model	Scale	Range	Resolution/ Accuracy	Lamp/ Wavelength	List Price (Each)
46001	VISPOL589H	Angular°	±180°	0.1°/±0.1°	Halogen λ=589nm	Call for Price
46003	VISPOL546H	Angular°	±180°	0.1°/±0.1°	Halogen λ=546nm	Call for Price
46005	VISPOL589S	Angular°	±180°	0.1°/±0.1°	Sodium Arc λ=589nm	Call for Price



### Polarimeter, Semiautomatic Pressure Filtration System

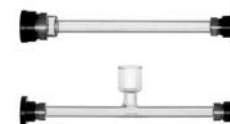
Manufactured by Schmidt + Haensch

Cat. No.	Model	List Price (Each)
47301	AutoFit	Call for Price



### Polarimeters, Parts & Accessories

Cat. No.	Description	For Models	List Price (Each)
<b>Brushes</b>			
46000-01838	Cleaning Brush, for Sample Cells	All Polarimeters & SACCHAROMAT's	37.00
<b>Cover Glass</b>			
46000-01811	Ø15.5mm Diameter, for Sample Cells	All Polarimeters & SACCHAROMAT's	30.00
46000-01812	Ø23.7mm Diameter, for Sample Cells	All Polarimeters & SACCHAROMAT's	35.00
<b>Lamps</b>			
46000-00782	Halogen, 12V/50W	All Polarimeters & SACCHAROMAT's	30.00
<b>Sample Cells</b>			
46000-02600	Glass w/ Bubble Trap, 100mm, 10.5ml	All Polarimeters & SACCHAROMAT's	475.00
46000-02601	Glass w/ Bubble Trap, 200mm, 16.5ml	All Polarimeters & SACCHAROMAT's	440.00
46000-02607	Glass w/ Center Well, 100mm, 6.0ml	Polarimeters -N, -M, -H, & SACCHAROMAT's	455.00
46000-02608	Glass w/ Center Well, 200mm, 12.0ml	Polarimeters -N, -M, -H, & SACCHAROMAT's	455.00
<b>Stoppers</b>			
46000-08341	Rubber, w/ Hole, For Sample Cells with Center Cup	Polarimeters -N, -M, -H, & SACCHAROMAT's	52.00
<b>Thermometers</b>			
46000-01816*	0 to 40°C, for Sample Cells w/ Center Cups	Polarimeters -N, -M, -H, & SACCHAROMAT's	98.00
<b>Washers</b>			
46000-01813	Rubber, Ø15.5mm, for Sample Cells	All Polarimeters & SACCHAROMAT's	16.00
46000-01814	Rubber, Ø23.7mm, for Sample Cells	All Polarimeters & SACCHAROMAT's	18.00



\*DISCONTINUED: Thermometer 46000-01816 discontinued. Prices are effective for remaining stock only.

Prices subject to change.

## 2008 Price List

# Clarkson Laboratory Supply

### Refractometers, Abbe

VEEGEE®

Cat. No.	Model	Scale	Range	Resolution/ Accuracy	List Price (Each)
C10	C10	Brix nD	0-95% 1.3000-1.7000	0.25%/±0.15% 0.0005/±0.0003	795.00
44903*	AR12	Brix nD	0-95% 1.3000-1.7200	0.25%/±0.1% 0.0005/±0.0002	Call for Price

\*Model AR12 is manufactured by Schmidt + Haensch.



### Refractometers, Automatic, Multiple Wavelength

Manufactured by Schmidt + Haensch

Cat. No.	Model	Scale	Range	Resolution/ Accuracy	Wavelengths (nm)	List Price (Each)
45201	DSR-L	nD	1.3320-1.7000	0.0001/±0.0001	400, 435.8, 486.1, 546.1, 589.3, 656.3, 706.9	Call For Price



### Refractometers, Automatic, ATR-ST Series

Manufactured by Schmidt + Haensch

Cat. No.	Model	Scale	Range	Resolution/ Accuracy	Temperature Control	List Price (Each)
45001	ATR-ST	Brix nD	0-95% 1.3320-1.5320	0.05%/±0.05% 0.0001/±0.0001	N/A	Call for Price
45001P	ATR-ST plus	Brix nD	0-100% 1.30000-1.54000	0.02%/±0.03% 0.00002/±0.00005	N/A	Call for Price
45001SP	ATR-ST S plus	Brix nD	0-100% 1.28000-1.54000	0.01%/±0.02% 0.00001/±0.00003	N/A	Call for Price



### Refractometers, Automatic, ATR-SW Series

Manufactured by Schmidt + Haensch

Cat. No.	Model	Scale	Range	Resolution/ Accuracy	Temperature Control	List Price (Each)
45004	ATR-SW	Brix nD	0-95% 1.33200-1.53200	0.02%/±0.04% 0.00002/±0.00004	External Circulator	Call for Price
45004P	ATR-SW plus	Brix nD	0-100% 1.33000-1.53000	0.01%/±0.02% 0.00001/±0.00002	External Circulator	Call for Price



### Refractometers, Automatic, ATR-W1 Series

Manufactured by Schmidt + Haensch

Cat. No.	Model	Scale	Range	Resolution/ Accuracy	Temperature Control	List Price (Each)
45006	ATR-W1	Brix nD	0-95% 1.33200-1.53200	0.02%/±0.04% 0.00002/±0.00004	Electronic Peltier 10.00 to 80.00°C	Call for Price
45006P	ATR-W1 plus	Brix nD	0-95% 1.33200-1.53200	0.01%/±0.02% 0.00001/±0.00002	Electronic Peltier 10.00 to 80.00°C	Call for Price



Prices subject to change.

# 2008 Price List

## Clarkson Laboratory Supply

### Refractometers, Automatic, ATR-W2 Series

Manufactured by Schmidt + Haensch

Cat. No.	Model	Scale	Range	Resolution/ Accuracy	Temperature Control	List Price (Each)
45007	ATR-W2	Brix nD	0-95% 1.33200-1.70000	0.02%/±0.04% 0.00002/±0.00004	Electronic Peltier 10.00 to 80.00°C	Call for Price
45007P	ATR-W2 plus	Brix nD	0-100% 1.33200-1.70000	0.01%/±0.02% 0.00001/±0.00002	Electronic Peltier 10.00 to 80.00°C	Call for Price



### Refractometers, Digital, Portable

VEEGEE®

Cat. No.	Model	Scale	Range	Resolution/ Accuracy	List Price (Each)
44001	PDX-1	Brix nD NaCl	0-45% 1.3330-1.4098 0-28%	0.1%/±0.1% 0.0001/±0.0001 0.1%/±0.1%	495.00
44002	PDX-2	Brix nD % H <sub>2</sub> O in Honey	35-95% 1.3903-1.5230 12-30%	0.1%/±0.1% 0.0001/±0.0001 0.1%/±0.1%	545.00
44101	PDX-95	Brix nD NaCl	0-95% 1.3330-1.5230 0-28%	0.1%/±0.1% 0.0001/±0.0001 0.1%/±0.1%	695.00
44027	PDX-CL	Urine Specific Gravity Refraction nD	1.0000-1.0500 0-320 1.3330-1.4098	0.0001/±0.0003 1.0/±1.0 0.0001/±0.0001	495.00
44201*	CDX-1	Brix	0-60%	0.1%/±0.2%	295.00
44202*	CDX-2	Brix	45-90%	0.1%/±0.2%	345.00
44236*	CDX-SL	Salinity	0-100‰	1.0‰/±1.0‰	345.00



\*DISCONTINUED: CDX-Series Refractometers are discontinued. Prices are effective for remaining stock only.

### Refractometers, Handheld

VEEGEE®

Cat. No.	Model	Scale	Range	ATC	List Price (Each)
43001	BX-1	Brix	0-32%	No	83.00
43002	BTX-1	Brix	0-32%	Yes	97.00
43003	BX-2	Brix	28-62%	No	83.00
43005	BX-3	Brix	58-92%	No	83.00
43007	BX-4	Brix	45-82%	No	83.00
43009	BX-10	Brix	0-10%	No	83.00
43011	BX-20	Brix	0-20%	No	83.00
43012	BTX-20	Brix	0-20%	Yes	97.00
43015	BX-50	Brix	0-50%	No	83.00
43017	BX-90	Brix	0-90%	No	375.00
43027	CLX-1	Urine Specific Gravity Serum/Plasma Protein nD	1.000-1.050 0.0-15.0 1.3330-1.3650	No	83.00
43033	SX-1	NaCl	0-10%	No	83.00
43035	SX-2	NaCl	0-28%	No	83.00
43036	STX-3	Salinity	0-100‰	Yes	97.00
43053	NDX-1	nD	1.333-1.517	No	375.00
43055	NDX-2	nD	1.435-1.520	No	83.00
43062	CTX-1	Antifreeze/Coolant	Freezing Point/°C	Yes	97.00
43064	CTX-2	Antifreeze/Coolant	Freezing Point/°F	Yes	97.00



### Refractometers, Contact Solution, w/ Letter of NIST Traceability Certification

Cat. No.	Type	R.I. Value (25°C)	Bottle Volume	For Models	List Price (Each)
45000-0S001	Bromonaphthalene	1.656 nD	7.4ml / ¼ oz	AR12, C10	15.00

Prices subject to change.

## 2008 Price List

# Clarkson Laboratory Supply

### Refractometers, Parts & Accessories

Cat. No.	Description	For Models	List Price (Each)
43000-00100	Hard Case	All Handheld Units	6.00
1111	Soft Carrying Case	BX-1, BTX-1, BX-2, BX-3, BX-4, BX-50, SX-2, NDX-2, CTX-1&2, CDX Series	3.90
1111L	Soft Carrying Case	BX-10, BX-20, BTX-20, BX-90, CLX-1, SX-1, STX-3, NDX-1	3.90
45000-0T001	VEE GEE Optical Tissues, 280/Box	All Refractometers	4.00
45000-05805	Flow-Through Attachment, w/Circulator Ports	ATR-SW Series	Call for Price

### Refractometer Calibration Services

Traceable to National Standards

Cat. No.	Description	For Models	List Price (Each)
2000-001	Calibration to Standard	Most Analog Handhelds	120.00
2000-002	Calibration to Standard	BX-90, NDX-1	150.00
2000-010	Calibration to Standard	PDX Series	225.00
2000-011	Calibration to Standard	CDX Series	225.00
2000-020	Calibration to Standard	C10	280.00

NOTE: For VEE GEE® Refractometers only, at time of purchase. Certification pricing does not include the price of the refractometer. Calibration service is nonrefundable. Please allow several extra days for delivery.

### Refractometer Standards, w/ Letter Of NIST Traceability Certification

Cat. No.	Type	Brix Value (20°C)	R.I. Value (20°C)	R.I. Value (25°C)	Bottle Volume	List Price (Each)
45000-OS025	Oil	60.0%	1.4420 nD	1.440 nD	7.4ml / ¼ oz	35.00
45000-OS200	Water	0.00%	1.33297 nD	1.33249 nD	7.4ml / ¼ oz	120.00

### Spot Plates

Bellwether®, Glazed Except for Bottom Surface

Cat. No.	No. of Depressions	Dimensions L x W (mm)	List Price (Each)
5062	12	113 x 94	7.30



### Stoppers, Ground Glass

Sibata, Standard Taper

Cat. No.	Standard Taper Stopper No.	Color	Fits 2306A & 2307A Size	Pack Qty.	List Price (Pack)
03081	9	Clear	5, 10, 25ml	6	14.94
03082	13	Clear	50, 100ml	6	15.42
03083	16	Clear	200, 250ml	6	21.00
03084	19	Clear	500ml	6	22.92
03085	22	Clear	1000ml	6	24.84
03087	27	Clear	2000ml	6	54.00
03081-A	9	Amber	10, 20, 25ml	6	22.50
03082-A	13	Amber	50, 100ml	6	23.70
03083-A	16	Amber	200ml	6	31.50



Prices subject to change.

## 2008 Price List

# Clarkson Laboratory Supply

### Stoppers, Polyethylene

Sibata, Standard Taper

Cat. No.	Standard Taper Stopper No.	Fits 2306A & 2307A Size	Pack Qty.	List Price (Pack)
009	9	5, 10, 25ml	50	37.50
013	13	50, 100ml	50	47.50
016	16	200, 250ml	50	47.50
019	19	500ml	50	52.50
027*	27	2000ml	50	55.00

\*DISCONTINUED: Prices are effective for remaining stock (027 only).



### Support Jacks

VEE GEE®, Anodized Aluminum

Cat. No.	Description	Pack Qty.	List Price (Pack)
3050	Support Jack, 140 x 115 mm (5.5 x 4.5 in)	1	110.00
3050-200	Support Plate Set, 200 x 200 mm (8 x 8 in)	1 Set of 2	65.00
3050-R305	Support Rod, Attachable, 305mm (12 in)	1	19.26



### Supports, Electrode

VEE GEE® Articulated, For 1 Micro & 3 Standard Electrodes

Cat. No.	Description	List Price (Each)
3005	Electrode Support	63.00



### Thermometers, Dial, 1" Diameter

VEE GEE®, Bi-Metal Stem; Accuracy is ± one subdivision.

Cat. No.	Range	Subdivision	Face Diameter (mm/in)	Stem Length (mm/in)	List Price (Each)
81070	-40 to 70°C	1°C	25/1	127/5	5.15
81125	25 to 125°F	1°F	25/1	127/5	5.15
81160	-40 to 160°F	2°F	25/1	127/5	5.15
81220	0 to 220°F	2°F	25/1	127/5	5.15
81550	50 to 550°F	5°F	25/1	127/5	5.15
81550G	50 to 550°F	5°F	25/1	127/5	5.15
82999	Clip for Dial Thermometers (used for attaching to containers, tanks, etc.) Fits: 81070,81125,81160,81220,81550,81550G				0.90



### Thermometers, Dial, 1.75/2" Diameter

VEE GEE®, Bi-Metal Stem; Accuracy is ± one subdivision.

Cat. No.	Range	Subdivision	Face Diameter (mm/in)	Stem Length (mm/in)	List Price (Each)
82125	25 to 125°F	1°F	45/1.75	203/8	8.90
82220	0 to 220°F	2°F	45/1.75	203/8	8.90
82550	50 to 550°F	5°F	45/1.75	203/8	8.90
82550DG	10 to 290°C 50 to 550°F	5°C 5°F	51/2	203/8	11.00
82999	Clip for Dial Thermometers (used for attaching to containers, tanks, etc.). Fits: 82125,82220,82550,82550DG				0.90



Prices subject to change.

## 2008 Price List Clarkson Laboratory Supply

### Thermometers, Dial, 3" Diameter

VEE GEE®, Bi-Metal Stem, Soil & Compost Testing; Accuracy is ± one subdivision.

Cat. No.	Range	Subdivision	Face Diameter (mm/in)	Stem Length (mm/in)	List Price (Each)
82160-6	-40 to 160°F	2°F	76/3	152/6	16.80
82160-12	-40 to 160°F	2°F	76/3	305/12	22.05
82200-36	0 to 200°F	2°F	76/3	914/36	59.85
82200-48	0 to 200°F	2°F	76/3	1220/48	66.15
82200-72	0 to 200°F	2°F	76/3	1830/72	107.10

### Thermometers, Digital

VEE GEE®, °C/°F Scales, Bi-Metal Stem, LCD Readout, On-Off Switch

Cat. No.	Range	Resolution/Accuracy	Face Diameter (mm/in)	Stem Length (mm/in)	List Price (Each)
83210	-50 to 150°C -58 to 302°F	0.1°C/±1.0°C 0.1°F/±2.0°F	35/1.35	127/5	20.20



### Thermometers, General Laboratory

VEE GEE®, Liquid-in-Glass, w/ Non-Roll Fittings; Accuracy is ± one subdivision.

Cat. No.	Range	Subdivision	Immersion	Backing	List Price (Each)
<b>Spirit-Filled</b>					
80501	-20 to 110°C	1°C	Total	White	2.45
80502	-20 to 150°C	1°C	Total	White	2.45
80503	0 to 230°F	2°F	Total	White	2.45
80504	0 to 300°F	2°F	Total	White	2.45
80521	-20 to 110°C 0 to 230°F	1°C 2°F	76 mm	White	3.35
80601	-20 to 110°C	1°C	76 mm	White	2.45
80602	-20 to 150°C	1°C	76 mm	White	2.45
80603	0 to 230°F	2°F	76 mm	White	2.45
80604	0 to 300°F	2°F	76 mm	White	2.45
80621	-20 to 110°C 0 to 230°F	1°C 2°F	Total	White	3.35
80802	-20 to 110°C	None	Total	White	1.60



### Thermometers, General Laboratory, Pocket, w/ Armor Case

VEE GEE®, Liquid-in-Glass, Spirit-Filled, Blue Plastic Armor Case; Accuracy is ± one subdivision.

Cat. No.	Range	Subdivision	Immersion	Backing	List Price (Each)
84050	0 to 50°C	2°C	Total	White	4.62
84125	25 to 125°F	2°F	Total	White	4.62



### Thermometers, Maximum-Minimum, Digital

VEE GEE®, °C/°F Scales; Accuracy is ± one subdivision.

Cat. No.	Range	Subdivision	Dimensions	List Price (Each)
84004	0 to 50°C 32 to 122°F	1.0°C 2.0°F	110 x 98 x 21 mm/ 4.33 x 3.86 x 0.83 in	26.50



Prices subject to change.

## 2008 Price List

# Clarkson Laboratory Supply

### Thermometers, Wall

VEE GEE®; Accuracy is ± one subdivision.

Cat. No.	Type	Thermometer Range	Subdivision	Hygrometer Range	Subdivision	List Price (Each)
85001	Clock w/ Small Thermometer & Hygrometer	-20 to 140°F	5°F	0-100	2	22.00
85002	Thermometer w/Small Hygrometer	-40 to 50°C -40 to 120°F	2°C 2°F	0-100	2	18.00
85003	Thermometer Only	-40 to 50°C -40 to 120°F	2°C 2°F	N/A	N/A	15.25



### Thermometer Armor Cases, Nickel-Plated Brass

VEE GEE®, ArmorOnly

Cat. No.	For Thermometer Length (mm/in)	List Price (Each)
83025A	305/12	10.95
83025B	152/6	7.60
83025C	178/7	7.90
83025D	203/8	8.15
83025E	229/9	8.45
83025F	356/14	11.10
83025G	381/15	11.90
83025H	406/16	11.90
83025J	457/18	13.30
83025M	610/24	14.25

### Thermometer Armor Cases, Blue Plastic

VEE GEE®, ArmorOnly

Cat. No.	For Thermometer Length (mm/in)	List Price (Each)
83030A	152/6	1.30

### Thermometer Armor Cases

VEE GEE®, ArmorOnly

Cat. No.	For Thermometer Length (mm/in)	Type	Material	List Price (Each)
83040A	152/6	2 Part	Aluminum	2.75
83041A	152/6	3 Part	Aluminum	4.35
83040N	152/6	2 Part	Nickel-Plated Brass	7.60
83041N	152/6	3 Part	Nickel-Plated Brass	10.35

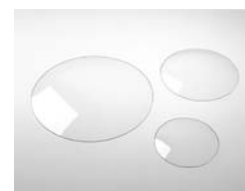
NOTE: 2-part type features case and cap. 3-part type features case, cap, and inner sleeve w/ cut-out.



### Watch Glasses

VEE GEE®

Cat. No.	Size (mm)	Fits 1500 Beaker Series	Pack Qty.	List Price (Pack)
1595-70	70	50, 100	10	12.50
1595-80	80	150	10	13.50
1595-90	90	250	10	14.50
1595-100	100	400	10	18.00
1595-120	120	600, 800, 1000	10	19.50
1595-150	150	2000	10	25.50



### Weights, Balance

VEE GEE®

Cat. No.	Nominal Mass (g)	Pack Qty.	List Price (Pack)
3710-1*	1	10	9.80
3710-20*	20	10	11.80
3710-100*	100	10	36.80

\*DISCONTINUED: Prices are effective for remaining stock only.

Prices subject to change.

