## New Portable, Digital Maple Grading Meter



- Affordable Solution for Small Growing Operations.
- Available in English with USDA Syrup Grades and also in French with Canada Federal & Quebec Grades.
- Battery Operated, Handheld with a Rugged Carrying Case. Syrup Grading has never been easier!!



User Calibration
Display Codes
Auto Shut-off
Rugged Kit Included



## Digital Grading System in the Palm of Your Hand!

Syrup grading has never been easier, simply get your reading with push button ease and compare the digital readout to the grading chart printed on the face of your meter!

The HI 95759 and HI 95760 handheld, portable maple syrup transmittance analyzers are high precision, USDA (HI 95759) or Canada Federal and Quebec (HI 95760) compliant photometers that bring judging "by eye" to an end. The three-button operation and easy-to-read LCD makes these meters ideal in the field.

Both meters read in percent transmittance (grades and equivalent below) and provide a digital readout with a precision of  $\pm 1\%$ .



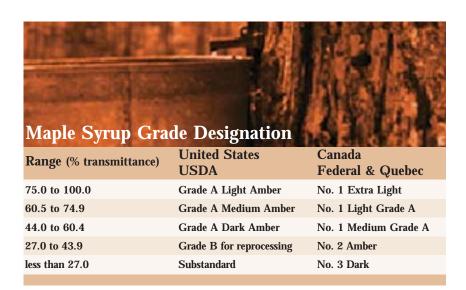
Maple syrup transmittance analyzers measure the percent light transmittance of maple syrup as compared to analytical reagent glycerol. The transmittance value allows identification of syrup quality class.



Measurements are performed by using matched square optical cuvets having a 10 mm light path.



These meters incorporate an auto shut-off feature which turns the meter off after 10 minutes of non-use.





These meters are supplied complete with six sample cuvets, one light shield cap, two 5 mL



syringes, 30 mL of glycerol, 9V battery, instruction manual, and a heavy-duty carrying case.

## Specifications for HI 95759 and HI 95760

Range	0.0 to 100.0% Transmittance
Resolution	0.1% Transmittance
Precision	±1% @ 75.0% Transmittance
Typical EMC Dev.	±0.1% Transmittance
Light Source	Tungsten lamp with narrow band
	interference filter @ 560 nm
Method	Direct measurement
Light Detector	Silicon Photocell
Environment	0 to 50°C (32 to 122°F);
	max 95% RH non-condensing
Battery Type	1 x 9 volt
Auto shut-off	After 10 min. of non-use
Dimensions	180 x 83 x 46 mm (7.1 x 3.3 x 1.8")
Weight	290 g (10 oz.)

Authorized Distributor www.clarksonlab.com

