

The New C 219 Maple Syrup Grading Meter



The C 219 Maple Syrup Transmittance Analyzer provides fast accurate results for determining the quality of your maple syrup with a range of 0.0 to 100.0 % Transmittance.

- LARGE LCD
- DISPLAY CODES
- AUTO SHUT-OFF
- PC COMPATIBLE

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The New C 219 Maple Syrup Grading Meter



- The new C 219 measures 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 cuvettes having a 10 mm light path.
- Display codes aid the user in routine operations.
- The C 219 incorporates an auto shut-off feature that turns the meter off after 10 minutes of non-use.

Specifications

Range	0.0 to 100.0 % Transmittance
Resolution	0.1 in % Transmittance
Accuracy	±1% of reading @ % Transmittance = 75.0
Typical EMC Deviation	±0.1 in % 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
Power Supply	2 x 9 Volt, socket for 12 VDC
Dimensions	230 x 165 x 70 mm (9.0 x 6.5 x 2.8")
Weight	640g (22.6 oz.)

The C 219 is a high precision, USDA grading compliance photometer that will bring judging "by eye" to an end and the three-button operation makes the C 219 just as easy to use. The C 219 reads in percent transmittance (grades and equivalent below), and provides a digital readout with an accuracy of ±1%. This meter is supplied with a 12 volt adapter (or can be run off of a single 9 volt battery).

United States Department of Agriculture's Grade Standards:

U.S. Grade A Light Amber, Fancy	>75.0% Tc*
U.S. Grade A Medium Amber	60.5% Tc to 74.9% Tc
U.S. Grade A Dark Amber	44.0% Tc to 60.4% Tc
U.S. Grade B	27.0% Tc to 43.9% Tc

*Light Transmission means the ability of maple syrup to transmit light as determined by means of a spectrophotometer with the color values being expressed in percent of light transmission (symbolized by "Tc%"). These instruments may be used in the grading of maple syrup. They are used in determining the color standards in grading kits.

C 219 Kit - Kit for maple syrup analysis, including 30 mL of Glycerol, 60 matched square cuvettes & two 5 mL syringes (80 tests average)



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For more information contact Hanna Instruments at (877) 694.2662
or visit us on the web: www.hannainst.com