

Maple Syrup Meter with Cal Check™

Maple Syrup



Maple syrup transmittance analyzer, HI 95759, 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.

When the syrup color is very light, that can be compared to minimum standards of light transmittance, the quality level is very high, while when the color is very dark, the classification level is low.

High quality syrup, mustn't have suspensions, bad odors and must have a minimum density of 66.0 Brix (20°C).



HI 710009



Specifications

HI 95759	
Range	0.0 to 100.0% transmittance
Resolution	0.1% transmittance
Precision	±1% to 75% transmittance
Light Source	Tungsten lamp with narrow band interference filter 560 nm
Light Detector	Silicon Photocell
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing
Power Supply	1 x 9V battery
Auto-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.)

Accessories

C219KIT	Kit includes 82 square section-cuvets, glycerol 30 mL and 2 x 5 mL syringes	HI 710009	Shockproof rubber boot, blue
		HI 710010	Shockproof rubber boot, orange
C220KIT	Kit includes 82 square section-cuvets, glycerol 30 mL and 2 x 5 mL syringes	HI 721310	9V battery (10 pcs)
		HI 731318	Tissue for wiping cuvettes (4 pcs)

Ordering Information

HI 95759 is supplied complete with rugged carrying case, 6 glass cuvettes, one light shield cap, 2 x 5 mL syringes, 30 mL of glycerol, 9V battery and instructions

For a comprehensive list of accessories, see sections U and V