



## HI 96759

### Maple Syrup Portable Photometer



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The HI 96759 handheld maple syrup transmittance analyzer is a high precision, USDA compliant photometer that bring judging "by eye" to an end.

This meter benefits from HANNA's years of experience as a manufacturer of analytical instruments. It has the advanced optical system based on special tungsten lamps and a narrow band interference filter that allow most accurate and repeatable readings.

HANNA maple syrup transmittance analyzer 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.

A very light syrup color has a very high level of quality and can be compared to minimum standards of light transmittance while a very dark syrup color signifies a low level of classification.

#### Order Information:

HI 96759 is supplied with square sample cuvettes (6), light shield cap, 5 mL syringes (2), 30 mL bottle of glycerol, cloth for wiping cuvette, instrument quality certificate, instruction manual and rigid carrying case.

Specifications	Accessories	Downloads
Range	0.0 to 100.0% transmittance	
Resolution	0.1% transmittance	
Accuracy @ 25°C	±3% @ 75.0% transmittance	
Light Source	Tungsten lamp	
Light Detector	Silicon photocell with narrow band interference filter 560 nm	
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing	
Power Supply	(1) 9V battery	
Auto-off	after ten minutes of non-use in measurement mode; after one hour of non-use in calibration mode; with last reading reminder	
Dimensions	192 x 104 x 69 mm (7.6 x 4.1 x 2.7")	
Weight	360 g (12.7 oz.)	