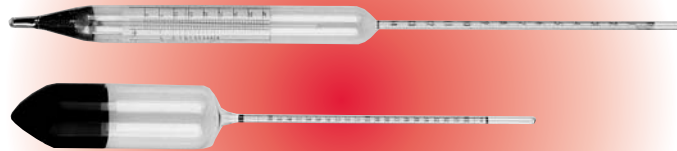


Hydrometers

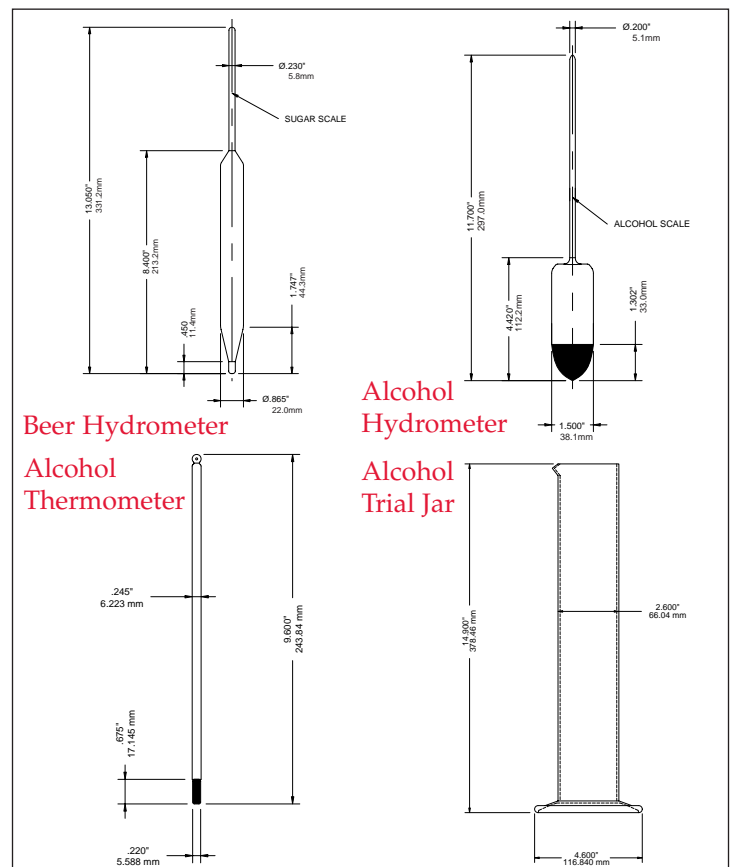


Description

Winters' Hydrometers are designed to measure the percentage of alcohol content for spirits or beer. Winters Alcohol Hydrometers are manufactured in accordance with guidelines set by Revenue Canada and are certifiable by Revenue Canada Customs and Excise.

Specifications

Case:	Soda Glass
Bulb:	Shot poised, sealed with specially formulated wax
Maximum Temperature:	+176°F (+80°C)
Minimum Temperature:	+32°F (0°C)



Corporate Office: 121 Railside Road • Toronto • ON • M3A 1B2 • (416) 444-2345 • Fax: (416) 444-8979

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www.winters.com • 1-800-WINTERS (946-8377)

Hydrometers

ALCOHOL HYDROMETERS

Used to measure the alcoholic strengths/contents of spirits, based on the percentage of alcohol by volume at 20° Celsius.

The Alcohol Hydrometer has an overall length of 300mm with a 38mm bulb and a 4mm stem, all manufactured of glass. The scale is white paper with black graduations and figures with graduations every 0.2 kg/m3.

Accuracy is +/-0.2 of full scale.

SUGAR HYDROMETERS

Brix Scale - temperature calibration 20° Celsius.

BREWERY SACCHAROMETERS

(Balling) percent sugar by weight (Plato scale) combined form with built in thermometer, standardized at 14 Reaumur, with temperature correction table for brew house and laboratory.

ALCOHOL THERMOMETER

250mm mercury filled glass thermometer with scale range -25/+45° Celsius engraved on stem. Subdivided every 0.5° Celsius. Calibrated for total immersion with glass ring top for suspension in trial jar. Maximum allowable error +/-0.3° Celsius.

ALCOHOL HYDROMETER

Product Code	Range (Kg/m3)
H7310	780-800
H7311	800-820
H7312	820-840
H7313	840-860
H7314	860-880
H7320	880-900
H7315	900-920
H7316	920-940
H7317	940-960
H7318	960-980
H7319	980-1000
H7309	Thermometer
H7307	Trial Jar

Comparison table to show which instruments would be necessary to cover approximate equivalent range on Sikes or Proof Spirit scale

Product Codes	Density kg/m ³ 29°C	%Alcohol by Volume	America Proof Spirit	Sikes	Proof Spirit	% Proof Spirit
H7310	780	100	200	100-0A	70	170
H7311	790	90	180	90-10A	60	160
H7312	800	80	160	80-20A	50	150
H7313	810	70	140	70-30A	40	140
H7314	820	60	120	60-40A	30	130
H7320	830	50	100	50-50A	20	120
H7315	840	40	80	40-60A	10	110
H7316	850	30	60	30-70A	0	100
H7317	860	20	40	20-80A	0	90
H7318	870	10	20	10-90A	0	80
H7319	880	0	0	0-100A	0	70
H7310	890	0	0	0-100A	0	60
H7311	900	0	0	0-100A	0	50
H7312	910	0	0	0-100A	0	40
H7313	920	0	0	0-100A	0	30
H7314	930	0	0	0-100A	0	20
H7315	940	0	0	0-100A	0	10
H7316	950	0	0	0-100A	0	0

BEER HYDROMETER

Product Code	Range (%)
H800	Sugar Hydrometer -5/0/5 %
H801	Sugar Hydrometer 0/12 %
H802	Sugar Hydrometer 9/12 %
H803	Sugar Hydrometer 19/31 %
H1000	Brewery Hydrometer 0/8.5 %
H1001	Brewery Hydrometer 7.5/16.5 %
H1002	Brewery Hydrometer 15.5/24.5 %
H1003	Brewery Hydrometer 0/10 %
H1004	Brewery Hydrometer 10/20 %
H1005	Brewery Hydrometer 0/14 %
H1006	Brewery Hydrometer 0/24 %
H1007	Brewery Hydrometer 0/20 %



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