



Snap 51 Portable Alcohol Meter for Distilled Spirits
A digital alcohol hydrometer for on-site spirits measurement with outstanding accuracy

Nobody should spend more than 30 seconds to determine the alcohol content in distilled spirits. Snap 51 is the portable alcohol meter that will get the job finished in time. The instrument simplifies the whole distillation and watering down procedure in distilleries as samples of all strengths are measured with one and the same instrument. Samples are measured with an accuracy of 0.1 %v/v directly on-site. An improved adjustment routine enhances the reliability of results even at low measuring temperatures and alcohol concentrations. Just read the measured values in %v/v or °Proof from the large color display, store them, and archive them on a PC to have perfectly traceable documentation of your spirits production process at hand later on

Eliminate any user influence on your alcohol measurements

- Temperature correction of results is done automatically: no need for temperature correction tables!
- Values are shown in %v/v (corrected to 20 °C or 15 °C for the Japanese market) or °Proof (corrected to 60 °F)
- Get traceable results due to sample identification via RFID (Radio Frequency Identification)
- Read results from the large color screen, or store them and print or export them to a PC via Bluetooth® later on
- Fine-tune your spirit's alcoholic strength with an accuracy of 0.1 %v/v and save valuable pure distilled spirits
- Ensures what is on the label is in the bottle
- Calibration and adjustments are easy to perform with deionized water, following the predefined routine

Technische Daten

Measuring range	Alcohol: 0 %v/v to 100 %v/v Temperature: 0 °C to 40 °C (32 °F to 104 °F) (automatic temperature correction)
Accuracy	Alcohol: 0.1 %v/v Temperature: 0.1 °C (0.2 °F)
Repeatability, s.d.*	Alcohol: 0.05 %v/v Temperature: 0.05 °C (0.1 °F)
Reproducibility, s.d.*	Alcohol: 0.07 %v/v
Resolution	Alcohol: 0.01 %v/v Temperature: 0.01 °C (0.01 °F)
Ambient temperature	-10 °C to +50 °C (14 °F to 122 °F)
Measuring principle	Oscillating U-tube technology
Supported measuring units	<ul style="list-style-type: none"> • Alcohol concentration in %v/v (at 20 °C or at 15 °C) or °Proof • Density • Sugar/extract concentration in °Brix or °Plato • Ten programmable custom-specific measuring units
Power supply	Three 1.5 V LR06 AA alkaline batteries
Sample volume	2 mL
Dimensions	468 mm x 108 mm x 119 mm (18.4 in x 4.3 in x 4.7 in)
Weight	860 g (30.3 ounces)
Protection class	IP54
Optional available accessories	Wristband, rubber protection housing for the operating panel, portable Bluetooth® printer, Bluetooth® USB adapter

* according to 5725