

Take your spirits to the next level

Replace all glass hydrometers in your craft distillery!

The portable alcohol meter Snap 41 is quicker and easier to use than glass hydrometers and leaves no chance for errors. It measures the alcohol content in all your sugar-free distilled spirits, from pure distilled spirits to the watered-down, ready-to-drink spirits. With cutting-edge technology in a robust instrument, Snap 41 gives your hand-crafted spirits the high-quality measurement they deserve.

Get the final result: no manual corrections

Snap 41 measures the alcohol content of distilled spirits at an accuracy of 0.2 %v/v. Say goodbye to your temperature correction tables and get immediate results on the large bright color display. Measured values are already corrected to 20 °C (%v/v), 15 °C (%v/v), or 60 °F (°Proof). A new adjustment routine ensures perfect accuracy, even at low measuring temperatures and alcohol concentrations.

One instrument for distilled spirits at all strengths: replace all your hydrometers

Snap 41 is portable and will accompany you through the distillery during all stages of spirits production. It has a measuring range from 0 %v/v to 100 %v/v so you just need one alcohol meter for all your measuring work.

Measurement within seconds: save time and effort

To perform a measurement, you simply press down the lever of the built-in pump and immerse the filling tube directly into the storage vessel to suck up 2 mL of sample. Wait a few seconds and you see the alcohol content on the screen.

Robust housing: for a long working life

With its splash-proof housing Snap 41 is prepared for use directly at storage containers throughout the distillery. The glass measuring cell has a special rubber protection to absorb any knocks during routine operation.

Clearly defined working routines: no chance for errors

A measurement with Snap 41 can simply be started via a gesture while using your other hand to note down results or hold steady when measuring difficult to reach samples. Furthermore, you can simply follow the predefined calibration routine, done with deionized water.



Great technology for small distilleries

Large-scale distilleries and governmental organizations have been using digital alcohol meters based on density measurement using the oscillating U-tube technology for decades. Anton Paar has been their trusted partner since the beginning, providing the most accurate instrument available on the market. Snap 41 enables you to measure your distilled spirits with the same technology used by the big industry players.


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Specifications

Patents granted	AT516421 (B1), EP3015847 (B1)
Measuring range	Alcohol: 0 %v/v to 100 %v/v Temperature: 5 °C to 30 °C (41 °F to 86 °F) (automatic temperature correction)
Accuracy	Alcohol: 0.2 %v/v Temperature: 0.2 °C (0.4 °F)
Repeatability, s.d.*	Alcohol: 0.1 %v/v Temperature: 0.1 °C (0.2 °F)
Reproducibility, s.d.*	Alcohol: 0.15 %v/v
Ambient temperature	0 °C to 35 °C (32 °F to 95 °F)
Supported measuring units	Alcohol concentration in %v/v at 20 °C or at 15 °C, °Proof
Power supply	Three 1.5 V LR06 AA alkaline batteries
Sample volume	2 mL
Dimensions	245 mm x 103 mm x 126 mm (9.6 in x 4 in x 5 in)
Weight	630 g (22.2 ounces)
Optional available accessories	Wristband, rubber protection housing for the operating panel, transportation suitcase

* according to ISO 5725