

How fast can you go from 0 %v/v to 100 %v/v?

Within 30 seconds, the portable alcohol meter Snap 51 informs you about the alcohol content in your distilled spirits. You use one and the same instrument for measurement of pure distilled spirits, quick checks during blending and on watered-down, ready-to-drink spirits.

Stop losing time during your spirits production process and concentrate on the core of your work – and qualify for the finals in high-quality spirits production.



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Portable Alcohol Meter

 Anton Paar

Snap 51



Covering the whole measuring range for spirits

Use one instrument for distilled spirits at all strengths

Directly after distillation, during storage or blending as well as before bottling: Snap 51 has a measuring range of 0 %v/v to 100 %v/v and measures all spirits with no sugar added. It replaces all glass hydrometers in your distillery.

Eliminate any user influence on the result

The alcohol content is shown in %v/v or °Proof and is already compensated for the temperature influence. The sugar concentration in fruit juices can also be measured. Manual calculations and searching for numbers in temperature correction tables are a thing of the past and there is no chance for errors when reading the result from the big, bright color screen. A new, improved adjustment routine enhances the reliability of results even at low measuring temperatures and alcohol concentrations.

Get traceable and well-documented results

Via an RFID tag at the sampling location, Snap 51 identifies the sample name and measuring method to be set for the following measurement. More than 1000 results are stored in the instrument's data memory, ready for wireless printout or transfer to a PC via Bluetooth® so that you have perfectly traceable documentation of your spirits production process at hand later on.



Unbeaten usability for a convenient quality control as part of your daily work

Define your display layout via the clearly structured menu and decide for yourself which output values you want to see on the screen. Operation is done via capacitive keys, with a sensitivity suitable for use with or without gloves. During measurement, the newly designed metal bracket ensures a stable, balanced positioning of the instrument on the sample container. When putting Snap 51 on the table in a waiting position, the screen rotates automatically so you can conveniently read results at any time.

Perform your alcohol checks in 30 seconds

The purchase of Snap 51 pays off in a few weeks because you save a lot of time and effort compared to using your old glass hydrometers. All measurement work is done directly at the sample's storage location. Only 2 mL of sample are taken with the help of the built-in pump and the measurement is started via gesture control. After 30 seconds, Snap 51 shows you the alcohol content of your spirits.

A long working life

With its robust metal measuring cell and splash-proof housing Snap 51 is prepared to accompany you throughout the distillery during spirits production for many years to come. The display is protected by a robust hard-glass front. A thorough cleaning and a regular calibration with deionized water are all you need to keep your instrument in a good condition.

A high-class instrument from the market leader

Accuracy equals money. By fine-tuning your spirits' alcoholic strength with an accuracy of 0.1 %v/v you save a lot of valuable pure distilled spirits and make sure that what is on the label is in the bottle. Snap 51 derives the alcohol concentration from the density value, measured using the oscillating U-tube technology. Anton Paar is the market leader for highly accurate alcohol and density meters based on this technology, which is the industrial standard for large-scale distilleries as well as for governmental organizations and craft distilleries.

You already measure alcohol in the lab?

Use Snap 51 for additional quick and on-site alcohol checks in the industrial production of spirits, cooling agents, or cleaning liquids, or for a reliable and speedy intake control of ethanol as a raw material in the pharmaceutical industry.

Specifications	
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
Ambient temperature	-10 °C to +50 °C (14 °F to 122 °F)
Supported measuring units	Density, alcohol concentration, sugar/extract concentration, ten programmable custom-specific measuring units
Internal storage	1024 measured results, 250 sample IDs, 30 measuring methods
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)
Interfaces	Bluetooth® (data transfer to a PC or printer), RFID (sample identification)
Protection class	IP54
Available options	Wristband, carrying strap, rubber protection housing for the operating panel, portable Bluetooth® printer, Bluetooth® USB adapter

* according to ISO 5725