Snap 50

Portable Alcohol Meter for Distillates

Anton Paar

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08.04 14:15:57
Alcohol @ 20 °C

70.97

Temperature

24.68

ID: 0051
Menu   RFID

Alcohol Meter   Snap 50

T6灯
10.288

➤ Measurement is quick

... with Snap 50 because you measure directly out of the
storage tank or cask and do not have to transfer the sample to
a measuring glass first. Snap 50 shows the alcohol content of
your distillates at the required accuracy after only 30 seconds.

➤ 0.1 % v/v accuracy

… is provided by Snap 50 by measuring the density using
the well-proven oscillating U-tube principle and automatically
calculating the alcohol concentration. Anton Paar is the world
leader in digital density measurement and renowned for the high
accuracy of its measuring instruments.

➤ Distillates in all strengths

… from pure distillates to ready-to-drink spirits are measured
with one and the same portable alcohol meter. Snap 50 checks
the alcohol content in two-component mixtures of water and
ethanol throughout the whole production process: from pure
distillates to samples taken during watering down to drinkable
strength and ready-to-drink spirits.

➤ Sample temperatures from 0 °C to 40 °C

… are measured by Snap 50 and the alcohol content is
automatically calculated and displayed for the required refer-
ence temperature of 20 °C (or 60 °F). The metal tube with the
measuring cell inside remains immersed in the distillate during
the measurement. This guarantees that the sample temperature
stabilizes quickly.

➤ So clear

… are the end results of the measurement because they are
given as easy-to-read numbers on a large digital display. You
don't need to calculate anything: just read off the values, store
them or send them to a PC.

Snap 50: One for all

➤ Worth it

The purchase of your Snap 50 pays off in the shortest of times. It saves you time and effort by replacing your old measuring methods and delivers the values you need at the press of a button. It is robust, low-maintenance and easy to clean.

➤ Partner to industry

Industrial producers of spirits, producers of cooling agents or manufacturers of cleaning liquids who already carry out analyses in their own laboratory benefit from Snap 50 as an additional instrument for quick and portable alcohol checks. Before measurement the samples, users or measuring locations are identified, either by manually selecting a sample ID on the instrument or by reading an RFID tag (RFID = Radio Frequency Identification). With a memory for 1024 results including timestamp and sample ID, Snap 50 is also ready for industrial applications.

➤ Well said

Snap 50 speaks a language which is easy to understand. You will intuitively find your way through the menu via the clearly structured user interface. The backlight ensures that you can read your results even in dark surroundings. The stored measured values can be transferred to a PC or printer wirelessly.

➤ And also...

Snap 50 not only covers the whole alcohol range from 0 % to 100 %, it can also give you the sugar concentration, e.g. for checking the sugar content of your fruit juices or must.

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)
Ambient temperature	-10 °C to +50 °C (14 °F to 122 °F)
Supported parameters	Density, alcohol concentration, sugar concentration, 10 additional programmable parameters
Data memory	1024 results
Power supply	Two alkaline mignon batteries, 1.5 V LR06 AA
Sample volume	2 mL
Dimensions	140 mm x 363 mm x 27 mm (5.5 in x 14.3 in x 1.0 in)
Weight	431 g (15.2 ounces)
Data interfaces	IrOBEX (data transfer to a PC), IrLPT (data transfer to a printer), RFID (sample identification)
Protection class	IP54
Optional available accessories	Portable thermo printer with IrDA interface, IrDA-USB adapter for data transfer to a PC, hand strap

Correct drinking strength? In 30 seconds!

You want an accurate and robust alcohol meter for your distillery which fits in your pocket and is easy to carry?

You want an alcohol meter which shows and stores the measured value at any ambient temperature just 30 seconds after immersing the measuring tube in the distillate (0 % v/v to 100 % v/v)?

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