



Titralab AS1000 Series Sample Changer, 20 Positions, 90 mL Beakers

Product #: AS1000.97.20090

ZAR Price: Contact Hach

No availability shown

The AS1000 Sample Changer is the perfect Laboratory assistant by automating analyses on sample series.

The Titralab AS1000 series is an automatic sample changer used in analytical laboratories in connection with AT1000 Series titrators. The AS1000 is available in four configurations of different tray capacity that holds the sample beakers. The rotating module turns the tray to change the sample position while the lifting module moves sensors and tubes up and down into each sample. The AS1000 ensures automatic stirring of samples thanks to its integrated magnetic stirrer, and rinsing of probes between each sample analysed thanks to dedicated rinse positions. The AT1000 Series/AS1000 Series setup is entirely PC-controlled with the TM1000 software to automate sample analysis series. It archives results, covering a wide variety of aqueous sample applications such as pH/Conductivity/Alkalinity and Hardness in water, Chlorides content in food products, pH/Acidity in wine and juices, Free & Total SO₂ in wine.

Run sample analyses in total autonomy, without user intervention

The rotating module turns the tray to change the sample position while the lifting module moves sensors and tubes up and down into each sample. Single-radius sample trays for up to 30 samples.

Complete automation to free up your time

AS1000 Sample Changer multi-parameter automation solutions release operators' time from cumbersome repetitive analyses for more valuable tasks that cannot be automated.

Specifications

Beaker Volumes Accepted:	Proprietary beakers, Polypropylene: 50 mL: 96 x 29 mm (3.77 x 1.14 in.); 50 mL: 88 x 60 mm (3.46 x 2.36 in.); 90 mL: 75 x 43 mm (2.95 x 1.69 in.); 150 mL: 88 x 60 mm (3.46 x 2.36 in.)
Certifications:	Safety IEC/EN 61010-1; EMC IEC/EN 61326-1
Dimensions (H x W x D):	300 mm x 395 mm x 535 mm
Installation category:	Category II
Interface:	RS232 serial
Material Enclosures:	Lifting module: Enamelled steel and Polypropylene; Rotating module: Polypropylene.
Number of sample positions:	20
Operating conditions:	15 - 35 °C (59 - 95 °F), 20 - 80 % RH, non-condensing
Pollution Degree:	2
Power requirements (Hz):	50/60 Hz
Power requirements (Voltage):	Instrument input: 24 VDC, 60 VA; External plug-in power supply: 24 VDC, 1.33 A
Stirrer:	Magnetic
Storage conditions:	-5 to 40 °C
Type:	Sample Changer
Warranty:	12 months

Weight:	Approximately 10 kg
What's included?:	AS1000 Sample Changer contains: Lifting module, Rotating module with carousel tray, support base with magnetic stirrer, probe & tubes holder, RS-232 cable with USB/Serial adapter to connect AS1000 to PC, Power supply, set of magnetic stir bars, set of PP beakers & TM1000 PC-Software with ethernet cables to connect AT1000 to local network or PC.

What's included?

AS1000 Sample Changer contains: Lifting module, Rotating module with carousel tray, support base with magnetic stirrer, probe & tubes holder, RS-232 cable with USB/Serial adapter to connect AS1000 to PC, Power supply, set of magnetic stir bars, set of PP beakers & TM1000 PC-Software with ethernet cables to connect AT1000 to local network or PC.