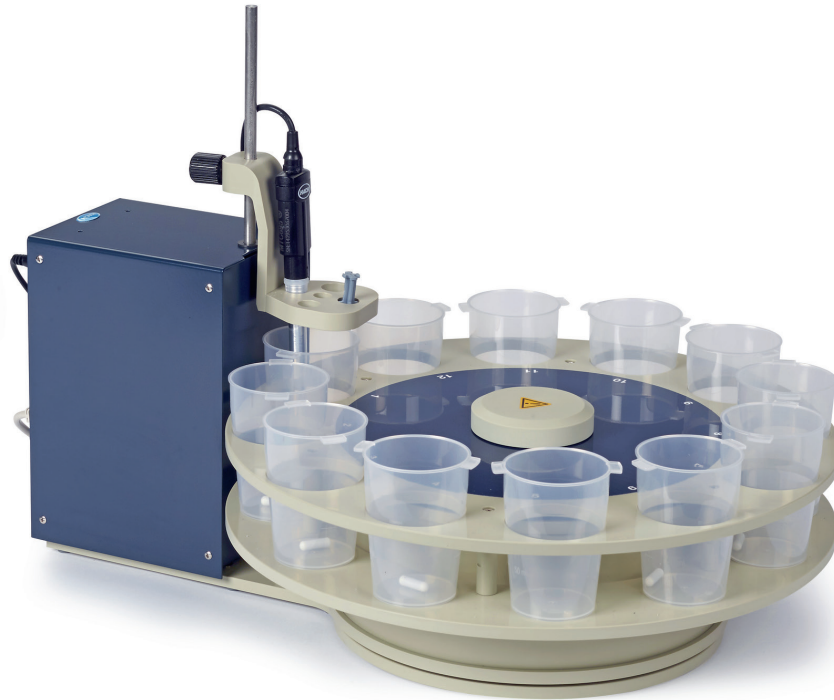


TITRALAB AS1000 SERIES SAMPLE CHANGER

Applications

- Food and Beverage
- Drinking Water
- Industrial Water
- Wastewater



The AS1000 Sample Changer is the perfect laboratory assistant for automating analyses on sample series.

Titration automation of sample series can be easy. Titralab® AS1000 series sample changer is used in connection with AT1000 Series titrators and TM1000 Windows Software to automatically perform sample series analyses (TM1000 Software and connection cables are included in the standard delivery).

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.



System setup illustration with AT1000 Series Titrator and AS1000 Sample Changer

Technical Data*

Dimensions (H x W x D)	300 mm x 395 mm x 535 mm
Weight	Approximately 22.05 lbs. (10 kg)
Power Requirements (Voltage)	Instrument input: 24 VDC, 60 VA; External plug-in power supply: 24 VDC, 1.33 A
Power Requirements (Hz)	50/60 Hz
Interface	RS232 serial
Stirrer	Magnetic
Material Enclosures	Lifting module: Enamelled steel and Polypropylene; Rotating module: Polypropylene

Operating Conditions	15 to 35 °C (59 to 95 °F), 20 to 80 % RH, non-condensing
Storage Conditions	-5 to 40 °C (23 to 104 °F)
Certifications	Safety IEC/EN 61010-1; EMC IEC/EN 61326-1
Warranty	1 year

*Subject to change without notice.

Order Information

Sample Changer Models

AS1000.97.12150	Titralab® AS1000 Series Sample Changer, 12 positions, 50 mL & 150 mL beakers, for two probes
AS1000.97.20090	Titralab® AS1000 Series Sample Changer, 20 positions, 90 mL beakers, for one probe
AS1000.97.30050	Titralab® AS1000 Series Sample Changer, 30 positions, 50 mL beakers, for one probe

The scope of supply of each AS1000 Sample Changer **includes TM1000 PC Software** and connection cables.

Accessories and Spare Parts

LZE108	Set of beakers, 50 mL, PP (10 pcs)
LZE109	Set of beakers, 150 mL, PP (10 pcs)
LZE193	Set of beakers, 50 mL, PP (30 pcs)
LZE194	Set of beakers, 90 mL PP (20 pcs)
LZE217	Magnetic bars, 12 x 4.5 mm (30 pcs)
LZE136	Magnetic bars, 20 x 6 mm (10 pcs)
LZE201	Carousel, 20 positions, 90 mL beakers
LZE202	Carousel, 30 positions, 50 mL beakers
LZE203	Carousel, 12 positions, 50 mL & 150 mL beakers
LZE213	Beaker ring adapter, 50 mL (12 pcs)

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Printed in U.S.A.

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In the interest of improving and updating its equipment, Hach Company reserves the right to alter specifications to equipment at any time.

