

# 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. The Titralab AS1000 series sample changer is used in connection with AT1000 Series titrators and TM1000 PC 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\*

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

<b>Operating conditions</b>	15 - 35 °C / 20 - 80 % RH, non-condensing
<b>Storage conditions</b>	-5 - 40 °C
<b>Certifications</b>	Safety IEC/EN 61010-1; EMC IEC/EN 61326-1
<b>Warranty</b>	2 years

*\*Subject to change without notice.*

## Order Information

### Sample Changer Models

<b>AS1000.98.12150</b>	Titralab AS1000 Series Sample Changer, 12 positions, 50 mL & 150 mL beakers, for two probes
<b>AS1000.98.20090</b>	Titralab AS1000 Series Sample Changer, 20 positions, 90 mL beakers, for one probe
<b>AS1000.98.30050</b>	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

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

### Service Agreement

Hach offers a wide range of service agreements that can be tailored to you to help maximise your measurement reliability and instrument uptime.

*Contact us to get a service offering designed for you.*

# HYXO

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