



Be Right™



Titralab AT1000 Series Potentiometric Titrator, 1 Burette, 1 Pump

Product #: AT1112.97
ZAR Price: Contact Hach

Automatic titration without all the complications

Simplify complex titration with the Titralab AT1000 from Hach. Straight from the box the AT1000 eliminates operator interpretation and manual processes you have come to expect with existing manual titration. The automatic system gives you more reliable results without complicated analysis. To make setup and titration simple, the AT1000 utilizes application specific kits to make it quick and easy for anyone to set up and operate a test.

The measuring parameters are application pack dependent.

Reliable Titration Results

Eliminates operator interpretation and manual processes with automatic titration to quickly deliver accurate and repeatable results.

Pre-programmed titration methods detect end points and eliminate manual calculations to make results easier to achieve without advanced programming.

Simple Setup and Titration

Application-specific functions to eliminate complex titration setup and analysis.

Hach's unique application kits make it quick for anyone to set up and operate a test.

Specifications

Application:	5
Automatic Reagent Addition(s):	Integrated peristaltic pumps for reagent addition
Beaker Volumes Accepted:	System specific beakers: Polypropylene, 50 mL & 150 mL with clips Generic beakers supported: Up to 250 mL low form glass
Burette:	1
Burette motor resolution:	20,000 steps with electronic μ stepping technology (128 μ steps/step)
Burette: Volumes Available:	2.5/5/10/25 mL, ISO8655-3
Calibration curves display:	Direct & derivative titration curves, electrode calibration curve
Calibration Intervals/Alerts/Reminder:	Yes, user defined period
Data storage:	Date, Time, Operator IDs, Sample IDs
Display Type:	5,7"; Graphic colour; VGA
Embedded procedures:	Tubing bubble purging, reagent priming, burette and pump replacement
Languages user interface:	English, German, French, Italian, Spanish

Maintenance scheduler:	Yes, user defined
Measurement method:	Potentiometric (zero & imposed current), amperometric, colorimetric
Model:	AT1112
Operating conditions:	15 - 35 °C (59 - 95 °F), 20 - 80 % RH, non-condensing
Operating Humidity:	20 - 80 % (non-condensing)
Operating Interface:	Soft keypad (silicone)
Operating temperature range:	15 - 35 °C (59 - 95 °F)
Output:	Electrode ports (x2), USB (x2), Serial (x1), Ethernet (x1)
Parameter:	mV/pH, Conductivity, Temperature (°C or °F)
Pollution Degree:	2
Power requirements (Hz):	50/60 Hz
Power requirements (Voltage):	100/240 V AC
Pumps:	1
Region:	US
Required Application Package/s:	AP0003.AT1112 Ca & Mg Hardness in water AP0010.AT1112 Salt in food products
Resolution:	Temperature: ±0.3 °C
Storage conditions:	-5 - 40 °C
Titration modes:	Sample, blank, sample with blank, QC sample, QC sample with blank
Titration types:	Potentiometric (zero & imposed current), amperometric, colorimetric
Warranty:	1 year
Weight:	4 kg

Required Accessories

- Titration Application Pack Petrochemistry: R-SH (Thiol) (Item AP0017.AT1112)
- Titration Application Pack Water: Chlorides (Item AP0009.AT1112)
- Titration Application Pack Food & Beverage: Salt (Item AP0010.AT1112)
- Titration Application Pack Water: Total Hardness (Color) (Item AP0004.AT1112)
- Titration Application Pack Water: Ca & Mg Hardness (ISE) (Item AP0003.AT1112)