

Auto Titrator

Model: μ TitraCal40 | Make: ANALAB | HSN Code: 90278090



Standards Feature

- LCD display screen and smart guide system.
- Titration methods, curves and results are displayed in detail.
- Replaceable burette with high-accuracy (10 ml or 20 ml selectable).
- Support titration modes: DET (dynamic equivalence point titration), MET (monotone equivalence point titration), SET (Preset Endpoint Titration) and MAT (manual titration).
- pH calibration and measurement are supported.
- Store up to 50 titration data sets (GLP-compliant) and 1 latest set of titration curve.
- Data can be easily transferred to printer via RS-232 communication interface.
- Titrator can be controlled by computer via USB or RS-232 communication interface.

Technical Specification:

Model		μ TitraCal40
Burette	Repeatability	$\leq 0.2\%$
	Accuracy	10ml Burette: $\pm 0.025\text{ml}$ 20ml Burette: $\pm 0.035\text{ml}$
Mechanical Unit	Resolution	1/14000
Measuring Unit	Range	(-1800.00~1800.00) mV (0.00~14.00)pH
	Resolutions	0.1mV, 0.01pH
	Accuracy	pH: $\pm 0.01\text{pH}$ mV: $\pm 0.05\%\text{FS}$
	Fluctuation	$\pm 0.3\text{mV}/3\text{h}$
Temperature Compensation	Range	(-5.0~105.0) °C
	Resolutions	0.1 °C
	Accuracy	± 0.3 °C
General	Power Supply	AC Adapter, 100-240V AC input, C24V output
	Dimensions	340×400×400 mm
	Weight	10 kg

Product Range

• pH/mV/°C/ORP Analyzer • Conductivity/TDS/Resistivity/Salinity/°C Analyzer
 • Multiparameter Analyzer (pH/ORP/Conductivity/TDS/Resistivity/Salinity/°C)
 • Karl Fischer Titrator • Auto Titrator • Automatic Melting Point Apparatus
 • Flame Photometer • Friability Test Apparatus • Tablet Dis-integration Test Apparatus
 • Tap Density Test Apparatus • Tablet Hardness Tester • Leak Test Apparatus
 • Tablet Dissolution Test Apparatus • Electromagnetic Sieve Shaker • Ultrasonic Bath (Sonicator)
 • Analytical Electronics Balance • Halogen Based Moisture Analyzer
 • Visible & UV-Vis. Spectrophotometer • Nitrogen Gas Generator • Zero Air Gas Generator
 • Combination Nitrogen / Zero Air Gas Generator • Air Drying Unit for TOC Analyzer
 • Dew Point Apparatus • Gas Handling & Purification System • Laboratory Furniture & Fume Hood
 • Exhaust Hood for AAS/ICP

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Specification & design are subject to change without prior notice for our continuous development.