



KLABS Automatic Potentiometric Titrator



Product Description

KLABS KAPT-3230 Automatic Potentiometric Titrator is a high precision analytical instrument designed for automatic potentiometric titration applications in laboratories and industrial testing environments. The system features a 7-inch color LCD touch interface, precision burette system, automatic sample loading and GLP compliant titration analysis for reliable and accurate laboratory performance.

Features

- Imported solenoid valve, PTFE corrosion resistant burette, high-power mixing table, using coil to achieve magnetic mixing
- High precision closed-loop control to ensure accurate titration
- High precision burette accurate to 0.003ml
- The whole pipeline is fully sealed design, quick and easy to replace
- 7 inch color LCD touch interface, display titration curve and measurement results, easy to operate
- Support acid-base titration, REDOX titration, precipitation titration, complexation titration, non-aqueous titration and other titration methods
- In line with GMP specifications, titration results in line with GLP requirements
- Automatic sample loading, automatic cleaning pipeline, automatic test results. automatic record and draw the real-time change curve of PH-titration volume during titration
- The titration curve can be printed

Accessories

- Solenoid Valve
- pH Electrode
- Software
- Touch Pen
- Manual



Applications & Uses

- Pharmaceutical Industries
- Chemical Industries
- Research & Development Laboratories
- Quality Control Laboratories
- Water Testing Laboratories
- Food & Beverage Industries
- Environmental Testing Laboratories
- Academic & Educational Institutes
- Acid Base Titration Applications
- REDOX Titration Applications
- Complexometric Titration Applications
- Non-aqueous Titration Analysis

Technical Specifications

Parameter	Specification
Product Name	KLABS Automatic Potentiometric Titrator
Model Number	KAPT-3230
Measure pH/mV	Yes
PH correction	Yes
Set the finish pattern	Yes
Isometric Titration	Yes
All-in-one burette	Yes
The number used for titration	15 ml comes standard with 25ml
Measuring range	$\pm 1, 999\text{mV}$ 0.00 – 14.00 pH
Resolution	0.1mV / 0.01pH
Maximum possible error	0.2mV / 0.02pH
Measuring range	0-80°C
Resolution	0.1°C
Maximum possible error	0.2°C
Temperature compensation	Optical
15 ml burette capacity tolerance	$\pm 0.025\text{ml}$
25 ml burette capacity tolerance	$\pm 0.035\text{ml}$
Repeatability of Titration analysis	0.20%
Electronics unit Repeatability error	0.2mV or less
Screen display	7 inch color TFT display