

The Total Solution for All your Titration Needs ...

COM-300A

Potentiometric Titrator

Looking for a titrator that is reliable and simple to operate yet expandable and upgradeable? The COM-300A titrator offers the total solution - the features you asked for at a price you can afford.

FEATURES

~ the right features at the right price! ~

- Performs pH, acid/base, redox, precipitation titration, Karl Fischer, non-aqueous titration.
- Determines TAN/TBN in oils, fats and biofuels.
- Perform sequential 3 step titrations by linking method files
- Instructional Video
- All in one accessories kit!
- Compact design with large data capacity
- Balance and computer interfaces for GLP and ISO documentation
- Data acquisition software "AQUANet" is included!



OPTIONS



- **B-130-20** Additional Buret :20mL glass syringe, buret tip included.
- **PR-302B** Dot impact printer 58mm paper width
- **K-2000A2S** Additional Stirrer : Speed adjustable
- **Volumetric Karl Fischer Titration Kit:** Titration cell complete including Indicator electrode

*KF reagents are not included.

COM-300A Potentiometric Titrator Standard Specifications

ITEM	SPECIFICATIONS
Titration method	Potentiometric titration (acid/base, redox, precipitation titrations) Polarization titration (for volumetric Karl Fischer titration)
Measuring range	pH: 0 to 14, Resolution 0.01 pH mV: -2000 to +2000 mV, Resolution 0.1 mV
Electrode inputs	indicator electrode: 1 Reference electrode: 1 Temperature electrode: 1 Electrode for KF titration: 1
Titration steps	Up to three (3) steps
Number of endpoints	Up to two (2) endpoints
Endpoint detection	Automatic detection by: -Inflection point Meas.(pH measurement) -Set point -Disp.(dispensing) -F cross point -B cross point
Display	16-Digit x 2-Line LCD with backlighting:
Display unit	pH, mV, mL, mgH ₂ O, %, ppm, M, g/L, mg/g, Fact 1, Fact 2:
pH calibration	2 or 3 points (ASTM/US standard/JIS tables):
File function	30 files for potentiometric titrations: 3 files for volumetric Karl Fischer titrations: 10 files for titration control method:
Calculation function	Concentration, statistics
Data storage capacity	50 titration results with titration curves and parameters Built-in battery for backup
Buret capacity	20-mL Potentiometric titration minimum drop size = 0.005 mL Karl Fischer titration minimum drop size = 0.01 mL
External Input/Output	2 RS-232C ports for Balance and Host, 1 interface for printer
Software	Data acquisition software is included
Standard electrodes in accessories kit	Glass electrode GE-101B and Reference electrode RE-201
Power requirement	AC100-240 V, 50/60 Hz, 100 VA
Dimensions / Weight	310(W) x 270(D) x 310(H) mm / Approx. 7 kg

Distributed By



email: info@radiantinstruments.com.au
Web: radiantinstruments.com.au



Hiranuma Sangyo Co.,Ltd.
www.hiranuma.com

1739, Motoyoshida-cho, Mito, Ibaraki 310-0836, Japan