ELECTROLAB

Datasheet

Potentiometric Titrator

EzTitrator+

Features:

- GLP Compliance - IEC, ASTM, APHA, Pharmacopeia
- Digital Stirrer, Compact design, Corrosion resistant fiber body
- KF attachment : Interchangeable Burette, Dual Platinum Electrode, 50ml syringe, Magnetic Stirrer, KF vessel 150ml, KF software
- Interchangeable burette module for quick change from one titration to another, with burette recognition and pre-entered data.

Specifications:

Model	EzTitrator+
Principle	Volume determination by equivalence point, end point
Control	Advanced ARM-11 based SOC
End Point Detection	Potentiometric / Voltametric
Units	Conc. % w/w, % w/v, ppm, mg/l, g/l, TAN & TBN [mg KOH/g]
Calculations By	Selected EP, Largest EP, last EP, EP within specified ml / mV window
Cut-off Criteria	(1) Volume (2) End Point (3) mV/pH
Models of Titrations	Blank, Normality, Sample
Methods	FED, SVD, ASD
Method Storage	100 user methods with more than 20 parameters per method
Stirrer System	High speed vortex stirrer with digital display
Stir Time	Selectable for any desired time
Sensors	Electrodes of various types
Calibration	5 point for pH, 5 point for ISE, 2 point for ORP
Burette Resolution	1/20000, 1/10000, 1/5000 of burette volume (or 0.001ml for all burettes)
Filling Time	< 20 sec
mV Range	± 3200.00 mV
Resolution	0.1 mV (0.001 pH)
Input Impedance	> 10^{12} ohms
Polarizing Current	2, 5, 10 µA
Report Format	Single report with graph & signature
Report Storage	100 document reports can be stored
Statistics	Mean value, SD, RSD & Linearity (Online & Offline calculation)
Mouse Connectivity	Optional
Display	7" TFT
Peripheral Interface	USB (3), Rs232, Balance Interface, Parallel Printer, PC connectivity through Ethernet
Environmental Requirements	Operation : Indoor Temperature : Ambient to 45°C Humidity : 5 to 90 % non-considering
Power	220/230 VAC, 50/60Hz, 600 W/2.6 Amp or 110 VAC, 50/60Hz, 600 W/5.5 Amp
Dimensions (L x W x H)	30cm x 28cm x 17cm
Weight	8 Kgs (approx)

*The information contained in this document is believed to be correct but ELECTROLAB accepts no liability for any errors and reserves the right to alter specifications without notice.

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