

Coulometric karl Fischer Titrator EzCoul



Features:

- High resolution 7" Color TFT display
- Stand-alone
- Self Diagnostic Messages
- Can be connected to USB/Network Printers
- Can be connected over wireless network
- Optional vaporizer accessory
- Range of 1 ppm to 100%
- Result in selected units of concentration in document format with date, time, sample name, titration number, operators's name, etc. (GLP requirements)
- Automatic drift compensation : For highest accuracy, no matter how much sealed is the titration vessel some moisture does find a way in and it has to be taken care of. The intelligent micro controller notes the drift, takes average & applies the correction automatically after each titration is performed
- Bromine Index of Petroleum oils at trace levels can be determined
- Compatible with all types of Coulometric reagents single or double or dedicated reagents for specific Coulometric titrations

Specifications:

Model	EzCoul
Control	Advance ARM 11 Microcontroller based
Generator	Constant Current Source
Generator Cell	With frit
End Point Detection	Using Dual Platinum Electrode
End Point Potential	Adjustable
End Point Delay	Automatic
End Point Indication	Visual display with Audible Beep
Measuring Range	1 µg - 100 mg water
Moisture Range	ppm to 100% water
Sensitivity	0.1 µg
Max Titration Speed	2.25 mg / minute
Maximum Current	400 mA
Drift	Automatic Compensation
Precision	10 µg to 100 µg ± 3 µg, 100 µg to 1 mg ± 5 µg, Above 1 mg ± 0.5 %
Method Storage	1 default & 100 user programable methods
Result Units	% w/w, % w/v, ppm & mg. user defined
Statistics	Average / Standard deviation (Online / Offline calculation)
Reports	Result, Parameter, Document & Graphical
Report Storage	100 reports can be stored
Stirrer	Magnetic stirrer with digital display
Peripheral Interface	USB (3) ports, USB Printer
Power Supply	230V, 50/60 Hz
Dimensions (L x W x H)	230 mm x 190 mm x 80 mm (Main Unit)
Weight	4 Kg approx (Inclusive of Power Supply & Stirrer)

*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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