RS-IRIS TITRATOR

Applications

- Food & Beverage
- Wine & Distillery
- Steel Industry
- Cosmetics
- Agriculture & Mining Industry
- Environment & Water Testing
- Petrochemical Industries
- Pharmaceuticals & Biochemistry
- Chemical Industry
- Paint Industry

Sensors and Syringe

IRIS Data System (IDS)

The CFR S/W adds a whole new paradigm to the auto titrator they are as follows:

1: Audit Trail for every activity performed by user can be viewed anytime.
2: Search with filtering options to point out events in detail.
3: Filtered search audit trial reports print out can be taken.
4: Multi level roles with password protection.
5: Configurable Password expiry and Password lock facility.
6: Configurable Privileges.
7: Print out over network through LAN removes the need to add a dedicated printer.
8: Auto archive and Data Backup.
9: Remote Instrument Access From Desktop.
10: DQ, IQ, OQ, PQ documents availability.

RS is a titration process used to calculate the moisture % of sample using a known standard. IRIS Software Provides a Sophisticated Report generation process with ease of reading.

Detailed Reports with every aspect of titration is divided into Result, Parameter, Document, Statistic reports Average, RSD.

Features

- Touch screen with intuitive GUI for easy understanding of workflow.
- Password protection against invalid user access.
- Burette Recognition Facility.
- Large storage capacity for report storage.
- Reports are stored into system and can be viewed even after reboot.
- RSD, AVERAGE can be generated and stored and viewed anytime later.
- Customised Formula can be created and used in titration to generate results.
- Titration Number Auto increment and Auxillary Parameter for Company information and Sample Data can be entered for titrations run can be viewed in titration reports.
- All reports generated can be viewed, printed or transferred to external storage drive.
- Balance data can be directly transferred to the instrument during titraton through USB port.

Specifications

Principle	Volume determination by equivalent end point
mV range	+ 2500mV
Accuracy	+/- 0.01mV
Input Impedance	10^{12}ohms
Burette Resolution	1 micro litre
Filling Time	Max 30 secs
Sensors	RSolv Electrodes (Voltametric)
Power	Single Phase - 230 V AC 50 Hz
Stirrer	Separate Stirrer with Touchscreen based Speed Control
Display	7 inch Capacitive Touchscreen
Report & Method Storage	1000 Reports & Methods
Technology	ARM Cortex SOC with MIPS
Cut-off Criteria	Volume, Endpoint
Communication Interface	Modbus (Integra Software for multiple Instrument, Data Collection with 21 CFR Part 11 compliance), Ethernet/WIFI (PC Connectivity, Printer over intra-network), USB for Report Transfer to External Drives, Printer Interface
End Point detection	Voltametric
Reports	Analysis Reports (Result, Parameters), Statistic Reports (RSD, AVERAGE)
Operating Conditions	Indoor, Ambient Temperature 45℃, Humidity 5 to 90% non-condensing
Result Units	PPM, %
Titration mode	Blank, Sample, Titer RSolv

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