RS-IRIS Titrator

RIKI GLOBAL
performance through innovation

APPLICATIONS:

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

Sensors & Syringe

RS is a titration process used to calculate the moisture percentage of of sample using a known standard. IRIS software provides a sophisticated report generation process with ease of reading.

Detailed report with every aspect of titration is divided into result, parameter, document, Statistic report average, RSD.

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 print 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 archieve and data backup
9. Remote instrument access from desktop
10. DQ, IQ, OQ, PQ documents availability

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FEATURES

1. Touch screen with intuitive GUI for easy understanding of workflow
2. Password protection against invalid user access
3. Burette recognition facility
4. Large storage capacity for report storage
5. Reports are stored into system and can be viewed even after reboot
6. RSD, AVERAGE can be generated and stored and viewed anytime later
7. Customised formula can be created and used in titration to generate results
8. 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
9. All reports generated can be viewed, printed or transferred to external storage drive
10. Balance data can be directly transferred to the instrument during titration through USB port

SPECIFICATIONS

Principle	Volume determination by equivalent end point
mV range	+2500 mV
Accuracy	+/- 0.01 mV
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 and 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°C, Humidity 5 to 90% non-condensing
Result units	PPM, %
Titration mode	Blank, Sample, Titration RSolv