



Moisture Estimation with Ease & accuracy

- Touch Screen Display
- Stand Alone or Through PC
- GLP Compliant
- CFR 21 Part 11 Compliant
- Automatic Drift Compensation

Whiz

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Titrator

Specifications

| | | |
|-----------------------|---|--|
| Principle | - | Voltametric determination of moisture |
| Control | : | Advanced ARM-11 based SOC |
| Report Format | : | Report with provision for remarks & signature |
| Reporting | : | Drift report, Result report, Parameter report & document report |
| Report Storage: | : | 100 document reports can be stored |
| Mode of Titrations | : | Blank, Titer, Sample |
| Drift | : | Manual or Automatic compensation |
| Method Storage | : | 100 user methods can be stored |
| Stirrer System | : | Magnetic stirrer with digital display |
| Stir Time | : | Selectable for any desired time |
| Dosing | : | Stepper Motor driven, kinetically controlled volumes & delay times |
| Sensor | : | Dual platinum electrode |
| Result Units | : | %w/w, %w/v, ppm, mg, mg/ml |
| Burette | : | 20 ml interchangeable |
| Burette Resolution | : | 1/20000 or 0.001ml/step |
| Filling Time | : | < 20 sec |
| mV Range | : | + 3200 mV |
| Resolution | : | 0.01mv |
| Measuring Range | : | 10 ppm to 100% |
| End Point Potential | : | Adjustable |
| Statistics | : | Mean value, SD, RSD (2 to 20) |
| Input Impedance | : | $10^{14} \Omega$ |
| Keys & Display | : | 7" TFT touch screen display |
| Peripheral Interface: | : | USB (3), RS232, Balance Interface, Parallel Printer, Ethernet |
| Mouse Connectivity | : | Available |
| Power | : | 230 V AC $\pm 10\%$, 50 Hz |
| Environmental | : | Indoor; Ambient to 45°C; Humidity: 5 to 90% non-condensing |
| Dimensions | : | 30 cm x 28 cm x 17 cm |
| Weight | : | 9 Kg (Approx) |

Accuracy : Better than ± 3 micrograms for 100 ppm and more



Ethernet computer port :
Model Whiz can work as
"Stand alone" or through PC
!f PC is to be used only for
data transfer CFR 21 Part 11
compliant software is available.

If instrument is to be operated through PC,
software available, which is also CFR 21 part 11 compliant.

Features

Corrosion resistant fiber body.

Compact design

Interchangeable burette module for quick
change from one titration to another, with
burette recognition

Facility to eject defined volume with dose
step & delay time selection along with
simultaneous display of mv.

Result Report with EP ml & corresponding
mv along with automatic calculation in
desired units using formulae Constants

Facility to enter burette factor for
calculation purpose

Document format report print out which can
be directly filed.

Time, Date, Titration number & Sample
identification number facility.

Alphanumeric entry possible for sample
name, batch number, operator name etc.

Individual username & password for each
user, limiting system access to authorized
individuals

Peripheral Interface: USB (3), RS232, Balance
Interface, Parallel Printer, Ethernet



A Mouse Can Also be Used For Control



Pen Drive Connectivity Available



USB port for printer provided for
direct printout without Using PC.
Most of the commonly available
Printers Can be Connected

(Due To continuous R&D, the Specification & Dimensions subject to Modification)

