

DIGITAL AUTOMATIC KARL FISCHER TITRATION APPARATUS VEEGO/MATIC – D

Designed for Accurate Estimation of Moisture



Digital Display With Readability 0.01 ml

Automatic Operation Eliminates Human Error

Dispenser System Eliminates Piston, Burette & Control Valves

Uninterrupted Operation

No Need To Refill The Burette

Volume Calibration To Calibrate Dispenser

Sturdy Construction Offers Maximum Protection For Circuitry



DIGITAL AUTOMATIC KARL FISCHER TITRATION APPARATUS

VEEGO/MATIC – D

This instrument is suitable for estimation of moisture in various Solid and Liquid samples. An Advanced Circuitry is incorporated to ensure accurate reproducible results. The titrator is equipped with a built-in magnetic stirrer with speed control and titration stand.

A Precision Dispenser is used to add Karl Fischer Reagent accurately. It eliminates need of piston type syringe pump, non return valves etc. The dispenser is very easy to clean and maintain, making the instrument most easy to operate.

The dispenser takes reagent directly from the reservoir and adds it into the titration cell. This minimizes handling of the hazardous and corrosive reagent. The volume of K. F. Reagent added is displayed on the digital display with readability 0.01 ml.

Once the reservoir is filled with 250-ml reagent, the samples can be tested without any interruption. The dispenser can be calibrated and validated, by built-In program.

End Point of the titration is indicated on the Display as well as by an audio signal. The display shows volume of Karl Fischer Reagent required to neutralize the moisture from the sample. Using a simple formula, moisture content in the sample can be easily calculated.

SPECIFICATIONS :

- Power Supply 230-Volt AC 50 Hz. 100 W max.
 - 2 line Back lit LCD Display.
 - 4 Keys for Operating Functions.
 - Dispensing Resolution 0.01 ml.
 - Stirrer Built-in Magnetic.
 - Weight 15-kg approx.
 - Range of moisture Detection 100 PPM to 100%.
- (With appropriate Sample Quantity)

STANDARD ACCESSORIES :

- | | |
|-------------------------------------|--------|
| • Platinum Electrode | 2 nos. |
| • Clamp for Beaker | 1 no. |
| • Magnetic Stirring Rotor | 1 no. |
| • Amber Color Reservoir | 2 nos. |
| • Ground Glass Adapter. | 2 nos. |
| • Moisture Beaker with ground edge. | 1 no. |
| • Microliter Syringe Capacity 25ml. | 1 no. |

OPTIONAL ACCESSORIES :

Special Large Beaker Assembly for estimation of low moisture content.

APPLICATIONS :

The instrument is suitable in following Industries for moisture estimation:

- Pharmaceutical : Bulk Drug, Tablets, Capsules, Drug Intermediates etc.
- Chemical: Fine Chemicals, Dyes, Textile Auxillaries, Soaps, Detergents etc.
- Paint and Ink: Solvents, Resins etc.
- Agriculture: Tobacco, Food Grains, Coffee, Tea, Spices etc.
- Food & Confectionery: Chocolate, Milk Products, Edible Oils, Fats etc.
- Plastic: Polymers, Adhesives, Granules etc.
- Cosmetic: Talc, Lotions, Creams, Toothpaste etc.
- Petroleum: Furnace Oil, Transformer/Insulating Oil, Lube Oil etc.

Specifications and Design are subject to change.

VEEGO INSTRUMENTS CORPORATION

129 - A, Adarsh Industrial Estate, Sahar Road, Chakala, Andheri (East), Mumbai, Maharashtra, India 400099

Call: +91 022 2832 5017 / 66923726 | Email: office@veego.in