

AUTOMATIC KARL FISCHER TITRATION APPARATUS VEEGO/MATIC – I

DESIGNED FOR ACCURATE ESTIMATION OF MOISTURE

Solid State Circuit incorporating highly sensitive advanced IC's

Brilliant 'Flasher' for visual observations of 'End Point'

Automatic Operation completely eliminating human errors

Compact Elegant Design for simple easy operation



AUTOMATIC

KARL FISCHER TITRATION APPARATUS

VEEGO/MATIC – I

VEEGO/MATIC - I is designed to carry out Karl Fischer Titrations automatically for accurate determination of moisture in various samples. The equipment consists of sensitive IC's, a built-in magnetic stirrer with regulator and allied components. The cabinet of the instrument itself serves as a sturdy decent titration stand making the unit very compact. Front panel consists of all the necessary controls such as the 'START/ 'STOP' push buttons with their respective pilot lamps, a brilliant Solid state ' flasher' which replaces the conventional magic eye or meter for visual observations, a controller for magnetic stirrer and ON/OFF switch.

For operation, the titration is started just by pressing 'START ' push button. Karl Fischer Reagent is then automatically added from the burette through a solenoid valve resetting the built-in electronic timer with each addition. When 'End Point' is reached the titration is stopped automatically and the Red lamp is ON along with 'Audio Signal'. The built-in timer selects only the correct 'End Point' rejecting all the in between false indications.

The automatic operation of the titrator completely eliminates human errors and in-corporation of highly sensitive IC's ensure perfectly reproducible accurate results. The equipment works on 230 Volts 50 Hz. mains supply and has its own built-in stabilizer to overcome mains voltage fluctuations. The equipment is supplied as under: -

- VEEGO/MATIC- I main unit.
- Solenoid valve assembly.
- One automatic burette 25 x 0.1 ml with moisture traps and reservoir 500 ml.
- One pair of platinum sensors.
- One moisture-tight beaker assembly with clamp.
- One magnetic stirring rotor.

Specifications and Design are subject to change.

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