

DIGITAL AUTOMATIC KARL FISCHER TITRATOR APPARATUS, SINGLE BOARD COMPUTER BASED MODEL: **VEEGO/MATIC-EX-(T)**



This is an advanced and sophisticated instrument, designed for accurate estimation of moisture in various samples. It is used in QA, QC and R&D labs in Pharmaceutical, Chemical and other industries. The instrument is having a Magnetic Stirrer and Motorized Dispenser for addition of Karl Fischer Reagent. 7 Inch TFT color monitor with capacitive touch screen for easy programming. The volume of the K. F. Reagent added, is displayed on the TFT color monitor. The end point of the titration is indicated by an audio signal. The instrument supports both DST and Water for factor determination of the K. F. Reagent. The instrument is having facility to store required test methods for testing samples. These methods are user programmable and pass word protected. The instrument is having built-in Validation and Calibration facility for dispensed volume.

Features:

- Range of Moisture Detection: 50 PPM to 100 % with Appropriate Sample Size.
- Automatic Drift Compensation.
- Supports Two Methods for Factor: Water and DST.
- Incorporated with maintenance free Metering Pump.
- Valve-less Dispenser eliminates the need of Cumbersome Piston Burette.
- No Refilling is necessary after every titration.
- PS2 (QWERTY Alpha-Numeric) Keyboard Interface for Quick Data Entry.
- Results in Percentage, PPM and mg. of H₂O.
- Automatic Drift Compensation.
- On line messages for user friendly operations.
- On line information of the Titration Status.
- Error Messages to avoid wastage of chemicals.
- Built-in Volume Validation Facility.
- Serial Port for Balance and Printer Interface
- Network Printing for report printing.
- RS 232 port for Balance Interface.
- Printout as per GLP requirements.
- 'SEARCH' and 'REPORT facilities.
- 7 Inch TFT color monitor with capacitive touch screen for easy programming.
- Attractive user interface with multicolor graphic widgets and icons for interactive communication.
- Method Storage facility for 100 Test Methods.



Specifications:

- Three User Level based functionality: Admin, Manager and Operator.
- Role Based Access Control.
- Login Screen to login onto software.
- Incorporated with User management Module for Account Setting, Editing etc.
- Uniqueness of User Id.
- Back-Up Facility
- 7 Inch TFT color monitor with capacitive touch screen for easy programming.
- Attractive user interface with multicolor graphic widgets and icons for interactive communication.
- Embedded with high performance single board computer for speedy data processing.
- Easily expandable large data storage capacity.

Features of Software

- Measuring Range: 50 PPM to 100 % with appropriate sample quantity
- Dispensing Resolution: 0.01 ml
- Display/ Keyboard: 7 Inch TFT color monitor with capacitive touch screen for easy programming.
- Balance Interface: 9 Pin D Type Serial RS 232 Port. Baud Rate Selectable 1200 to 9600.

DIGITAL AUTOMATIC KARL FISCHER TITRATOR APPARATUS, SINGLE BOARD COMPUTER BASED MODEL: VEEGO/MATIC – EX(CFT) CFR 21 Part 11 Compliance

Features:

This is an advanced version of model : VEEGO/MAIC-EX(T) having most of the features same, with additional CFR Compliant features as under:

- Four User Level Based Functionality.
- Role Based Access Control.
- User Management Module for Account Setting, Editing etc.
- Unique User Id.
- Pass Word Management as per Guidelines.
- System Time-Out after Idleness
- Print Copy Number for Test Report
- Back-Up Folder Facility
- Authentication of Test Results by Operator with Date and Time Stamped.
- All User Actions Recorded in Audit Trail with Date and Time Stamped.
- Non-Editable Audit trail.