

# LT-630 MICROPROCESSOR KARL FISCHER

## VOLUMETRIC METHOD

### PRODUCT FEATURES

- ✓ Microprocessor Based with Printer Interface
- ✓ User Friendly and Menu Driven Software
- ✓ Direct Results in ppm, % and mg H<sub>2</sub>O on single display screen
- ✓ Setup Data Storage Facility
- ✓ Sample Data Storage Facility
- ✓ 128 x 64 Graphical LCD
- ✓ Batch-Wise, Date-Wise and Individual Result Data Printing
- ✓ USB Interface
- ✓ Batch-Wise, Date-Wise and Individual Result Data Printing



### ACCESSORIES

- ✓ Dual Platinum Electrode
- ✓ Teflon Coated Magnetic Stirring Capsule
- ✓ 250 ml Bottle for K.F Reagent
- ✓ 250 ml Bottle for- Methanol
- ✓ 250 ml Bottle for Calcium Chloride
- ✓ Reagent Outer
- ✓ 25 µl Auto pipette
- ✓ Set of connecting tubes
- ✓ Set of dispensing tubes & nozzles
- ✓ Titration Vessel
- ✓ Power supply Adapter
- ✓ Instruction Manual
- ✓ Dust Cover



### TECHNICAL SPECIFICATIONS

|                                   |  |
|-----------------------------------|--|
| Measuring Range                   | 100 ppm to 100 % of moisture                               |
| Measuring Method                  | Karl Fischer Volumetric Titration Method                   |
| K.F. Dispensing System            | Highly sensitive motorized dispensing system               |
| Resolution of Titrant Volume      | 0.01 ml  |
| Indication of Titrant Volume      | 0.00 to 99.99 ml   |
| Auto Moisture content Calculation | %0.00 to 100% ppm10 to 999999 mg Hz00.00 to 999.99         |
| Calibration                       | Auto K.F. Titer/Factor calculation                         |
| Wait Time for End Point           | Adjustable 1 to 99 seconds                                 |
| Keypad                            | 20 keys  |
| Display                           | 128 x 64 Graphical LCD                                     |
| Storage                           | Sample result & setup data storage facility                |
| Clock                             | In built clock with date & time display                    |
| Stirrer                           | In built magnetic stirrer with adjustable speed            |
| Reagent Bottles                   | 250 ml bottles for KF Reagent, methanol & calcium chloride |
| Printer Interface                 | chloride Dot matrix printer interface                      |
| Power Supply                      | 12V/2A DC Supply   |
| Power                             | ≤ 50VA   |
| Environment temperature           | 5°C - 40°C   |
| Environment humidity              | ≤ 85%RH  |
| Dimension                         | 330mm X 240mm X 180mm                                      |
| Weight                            | 10Kg (approx)  |