



## KLABS KPH-1400T Microprocessor pH Meter with Inbuilt Thermal Printer



### Product Description

KLABS KPH-1400T is a microprocessor-based pH meter with inbuilt thermal printer designed for accurate measurement of pH, mV and temperature. The instrument features graphical LCD display, automatic buffer recognition, 5-point calibration, USB connectivity and storage facility for up to 1000 samples.

### Features

- Measures pH, mV and Temperature
- Inbuilt Thermal Printer
- 5 Point Calibration Facility
- 128 × 64 Dots Graphical LCD Display
- Auto Buffer Recognition
- Storage Capacity up to 1000 Samples
- USB Connectivity for PC Attachment

### Application/Uses

- Water Quality Testing
- Pharmaceutical Laboratories
- Chemical Laboratories
- Research & Development Laboratories
- Educational Institutions
- Environmental Testing Laboratories
- Quality Control Laboratories



LED DISPLAY



ACCURATE  
& STABLE



SOFTWARE  
CONTROL SYS.



EASY  
OPERATION



INBUILT THERMAL  
PRINTER

## Technical Specifications

| Parameter                | Details                                                |
|--------------------------|--------------------------------------------------------|
| Product Name             | Microprocessor pH Meter with Inbuilt Thermal Printer   |
| Model Number             | KPH-1400T                                              |
| pH Range                 | 0.00 to 14.00 pH                                       |
| pH Resolution            | 0.01 pH                                                |
| pH Accuracy              | ±0.02 pH ±1 Digit                                      |
| Display                  | 128 × 64 Dots Graphical LCD Display                    |
| Calibration              | Auto & Manual with 5-Point Calibration                 |
| Auto Buffer Recognition  | 1.680, 4.000, 7.000, 9.200 & 12.450 pH or User Defined |
| Relative Stability       | ±0.002 pH/Hour                                         |
| Temperature Compensation | -5 to 110°C Auto/Manual                                |
| Printer                  | Inbuilt Thermal Printer                                |
| mV Range                 | 0 to ±1999.9 mV                                        |
| mV Resolution            | 0.1 mV & 0.01 mV                                       |
| mV Accuracy              | ±0.1 mV ±1 Digit                                       |
| Temperature Range        | -5 to 110°C                                            |
| Temperature Resolution   | 0.1°C                                                  |
| Temperature Accuracy     | ±0.1°C                                                 |
| Sensor                   | Semiconductor Type                                     |
| Power Supply             | 230V ±10% AC                                           |
| Printer Interface        | External Serial RS232 Dot Matrix Printer Interface     |