



Microprocessor pH Meter



MODEL DPH 507

FEATURES

- Microprocessor based design with "Self Diagnostic Program" - the system checks itself, the electrode and temperature sensor for faults
- Truly versatile stand alone instrument
- Display of pH and Temperature with selectable mV display for ORP Operation
- Auto / Manual Temperature Compensation
- Extremely user friendly with prompting display for easy operation
- Easy calibration from the keyboard
- Powerful 3 Point Software Calibration with Automatic Buffer recognition and Buffer pH Compensation for Temperature
- Poor Electrode Condition warning
- Totally environment proof keyboard

GLOBAL ELECTRONICS

(An ISO 9001:2008 Company)

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SPECIFICATIONS

Display : 7 Digit, High Brightness 7 Segment LED Display
with 8 Annunciator LED's

| | pH | mV | Temp |
|--------------------------|---|----------------|--------------------|
| Measurement Range | : -2.00 to 16.00 | ±1999 | -50°C to +200°C |
| Resolution | : 0.01 | 1 | 0.1(-19.9 to 99.9) |
| Accuracy | : 0.1% ± 1 digit | 0.1% ± 1 digit | 0.1% ± 1 digit |
| Reproducibility | : 0.01 | 1 | 0.1 |
| Temperature Compensation | : Manual / Automatic -50 to 200°C | | |
| Input Impedance | : >10 ¹³ Ohms | | |
| Input Bias Current | : < 1 pA @ 25°C | | |
| AP Range | : ± 75 mV | | |
| Slope: | : 75% to 125% | | |
| Calibration | : pH : 1 / 2 / 3 Point Calibration using any of USA : 4.01, 7.00 Buffers or NIST : 4.01, 6.86 , 9.18 Buffers Temperature : Single and Two Point at any Temperature | | |
| Programming | : Direct Keyboard Entry with 5 Keys | | |
| Data Entry | : Through User friendly Key Board with prompting display | | |
| Dimensions | : 190 (W) x 130 (D) x 60 (H) | | |
| Power | : 230V ± 50Hz 5 VA | | |
| Environment | : Temperature : 0 to 50°C Relative Humidity : 0 - 80% (Non-condensing) | | |



Van London Epoxy Electrode

*Please Order Electrodes Separately

DATA AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

Standard Accessories:

High accuracy Standard Buffer Solutions for Calibration

- ◆ 7.00 pH
- ◆ 4.00 pH
- ◆ 10.00 pH

Recommended Accessories:

High Quality Epoxy Gel Filled Electrode Model 573V526 from VLPC, USA

- ◆ Rugged Unbreakable body.
- ◆ Bulb Protection Guard.
- ◆ Dual Ceramic Reference Junction
- ◆ 1 Mtr Low Noise Coaxial Cable
- ◆ Maintenance Free Tropicalised Gel Filled.

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