

## Microprocessor pH Meter



### 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
- Extremely user friendly keyboard and prompting display for easy operation
- Easy calibration from the keyboard
- Display of pH and Temperature with selectable mV display for ORP Operation
- Auto / Manual Temperature Compensation with digitally selectable temperature
- Poor Electrode Condition warning
- Totally environment proof keyboard
- Data stored in Non-Volatile Memory. Totally unaffected by power interruptions

## GLOBAL ELECTRONICS

3-5-331, NARAYANGUDA, HYDERABAD - 500029 INDIA

PH: +91 40 2322 1391, 2322 6687 FAX: +91 40 2322 2484 URL: [www.ge-india.com](http://www.ge-india.com) Email: [info@ge-india.com](mailto:info@ge-india.com)



## SPECIFICATIONS

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

Display : 4 Digits for pH / mV, 3 Digits for Temp. And all 7 for Msgs.

Annunciators for ATC, MTC, °C, RD, pH, mV

	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 <sup>13</sup> Ohms		
Input Bias Current	: < 1 pA @ 25°C		
AP Range	: ± 75 mV		
Slope:	: 75% to 125%		
Calibration	: <b>pH</b> : 1 / 2 / 3 Point Calibration using any of USA : 4.01, 7.00 Buffers or NIST : 4.01, 6.86 * 9.18 Buffers <b>Temperature</b> : Single and Two Point at any Temperature		
Programming	: Direct Keyboard Entry with 5 Keys		
Data Entry	: Through User friendly keyboard and prompting display		
Options	: RS232C		
Dimensions	: 190 (W) x 130 (D) x 60 (H)		
Power	: 230V ± 50Hz 5 VA		



Van London Epoxy Electrode

### Standard Accessories:

#### High Quality Epoxy Gel Filled Electrode from VL Phoenix, USA

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

#### High accuracy Standard Buffer Solutions for Calibration

- ♦ 7.00 pH
- ♦ 4.00 pH
- ♦ 10.00 pH

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