

# LT-502

## MICROPROCESSOR

# pH METER

INBUILT THERMAL PRINTER

### PRODUCT FEATURES

- ✓ Measures pH, mV and Temperature
- ✓ 5 Point Calibration
- ✓ 128 x 64 dots Graphical LCD Display
- ✓ Auto Buffer Recognition Facility
- ✓ Storage up to 1000 Samples
- ✓ PC Attachment through USB

### ACCESSORIES

- ✓ Rotational pH electrode stand
- ✓ pH electrode
- ✓ Temperature probe
- ✓ Buffer capsule
- ✓ Software
- ✓ Power adapter
- ✓ Instruction manual



### TECHNICAL SPECIFICATIONS

<b>pH</b>	
RANGE	0.00 to 14.00 pH
Resolution	0.01 pH
Accuracy	± 0.02 pH ± 1 digit
Display	128 x 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
Temp. Compensation	-5 to 110 °C Auto/Manual
Printer	Inbuilt Thermal Printer
<b>mV</b>	
Range	0 to ± 1999.9 mV
Resolution	0.1 mV & 0.01 mV
Accuracy	± 0.1 mV ± 1 digit
<b>TEMPERATURE</b>	
Range	-5 to 110 °C
Resolution	0.1 °C
Accuracy	± 0.1 °C
Sensor	Semi Conductor Type
Power Supply	230V ± 10% AC
Printer Interface	External Serial RS232 Dot Matrix Printer Interface