

Instrumentation

Economical Field Meters



LaMotte pH, CON, TDS Meters

Features:

- Push button operation
- Three point calibration
- Temperature readout
- Automatic Temperature Compensation
- Auto-off after 17 minutes
- Hold function
- Buffer recognition (pH 5 meter)
- Adjustable conductivity to TDS factor (TDS 6 meter)

Microprocessors have enabled meter manufacturers to combine many features into smaller designs with better accuracy. The 5 and 6 Series meters are good examples (see specifications below). All meters include electrodes and temperature probes, and are available with or without a carrying case.

- The pH 5 without case includes pH 4, 7 and 10 buffer tablets.
- The pH 5 with case includes pH 4, 7 and 10 buffer liquids.
- The TDS 6 and Con 6 with carrying cases include two calibration standards.
- All meters have two-year warranties.

SPECIFICATIONS

Model	pH 5 (pH)	pH 5 (Temperature)	CON 6 Meter (Conductivity)	TDS 6 Meter (TDS)	CON 6 & TDS 6 Meters (Temperature)
Order Code	w/out case 5-0034 with case 5-0035		w/out case 5-0038-01 with case 5-0039-01	w/out case 5-0036-01 with case 5-0037-01	
Range:	0.00 to 14.00 pH	0.0 to 100.0°C	0.0 to 20.00, 200, 2,000.0 μ S 0 to 20.00, 200.0 mS	0.0 to 10.00, 100.0, 1000 ppm 1.0 to 10.00, 100.0, 200 ppt	-10.0 to 110.0°C
Resolution:	0.01 pH	0.1°C	0.01, 0.1, 1 μ S 0.01, 0.1 mS	0.01, 0.1, 1.0 ppm 0.01, 0.1 ppt	0.1°C
Accuracy:	\pm 0.01 pH	\pm 0.5°C	\pm 1% full scale or \pm 1 digit	\pm 1% full scale	\pm 0.5°C
Calibration:	Up to 3 Buffer Values (pH 4.01, 7.00, 10.0)	Offset 0.1°C increments	up to 5 points (1 per range) for multi-point calibration; or 1 point for single point for entire range		Offset 0.1°C increments
Temperature Compensation:	Automatic Temperature Compensation (ATC)		Automatic Temperature Compensation (ATC) fixed 2% per °C factor, adjustable 73%		
Power:	Four AAA alkaline batteries (supplied) >70 hours continuous use		Four AA alkaline batteries (supplied) >100 hours continuous use		
Display:	Single Custom LCD		Single Custom LCD		
Auto shut-off:	After 17 minutes		After 17 minutes		
Operating Temperature:	32 to 122°F; 0 to 50°C		32 to 122°F; 0 to 50°C		