



 LaMotte

TRACERS

Instrumentation

TRACER PockeTesters

The world's first pocket-sized ISE meter for measuring total chlorine. Use it to test pH and ORP with interchangeable flat surface sensors.

Total Chlorine TRACER

Order Code 1740

- Read Total Chlorine from 0.00-10 ppm
- Readings are not affected by sample color or turbidity
- Automatic self calibration
- Extra bold display includes an analog bar graph feature
- Memory can store up to 15 readings
- Chlorine and pH modes also display sample temperature
- Unit identifies which probe is in use and retains calibrations
- Automatic shut-off and Low Battery indicator; uses four 3V CR-2032 batteries
- Includes 100 reagent tablets at almost half the price of similar Chlorine ISE reagents
- Follows EPA protocol for ISE methods

pH TRACER

Order Code 1741

Provided with 4, 7, and 10 pH buffer tablets

- Rugged flat surface electrode will alert user when it's time to "RENEW"
- A "CAL" indicator shows when to recalibrate and user can select a 1, 2, or 3 point calibration
- Includes Automatic Temperature Compensation and displays temperature while showing pH result

Range:	0.00 to 14.00 pH
Temp:	32° to 149°F (0° to 65°C)
Resolution:	0.01 pH
Accuracy:	±0.01 pH

ORP TRACER

Order Code 1742

- High resolution to 1 mV
- Automatic self calibration

Range:	-999 to 999 mV
Resolution:	1 mV
Accuracy:	±4 mV



EPA Approved
(NPDES monitoring)

Options

Additional Probes

- Order Code 1733 pH Sensor 0-14.00/±0.01 pH
- Order Code 1734 ORP Sensor 1734 ±999mV/±4mV
- Order Code 1732 Cl₂ Sensor 0-10.00/±10% of reading

Chlorine Test Tablets

Order Code 7044A-J

Specially formulated just for the TRACER, these deliver a precise amount of iodide for a 20 mL sample. Available in packages of 100.

Weighted Stand

Order Code 1746

Ideal for precise and stable Total Chlorine readings. Prevents unit from tipping over during analysis. Stand comes with five 20 mL sample cups. Weight 165 grams.





*Not interchangeable with Cl/pH/ORP TRACER

The Tracer PockeTester offers direct reading of Conductivity, Total Dissolved Solids, Salinity, and Temperature with one electrode. The conversion ratio of TDS to conductivity may be adjusted from 0.4 to 1.0 for various water.

EC/TDS/SALT TRACER

Code 1749

- Easy to use
- 2% accuracy for EC, TDS, and Salt modules
- Automatic temperature compensation
- Self calibration
- Memory can store up to 25 readings
- Automatic shut-off and low battery indicator; uses four 3V CR-2032 button batteries
- Auto-Power Off after 10 minutes of no button presses

Options:

- EC/TDS/SAL Replacement Electrode* • Order Code 1765
- Weighted Stand w/Sample Cups (5) • Order Code 1746
- Sample Cup w/caps • Order Code 1745-1
- Conductivity Standard, 84 μS • Order Code 6312-G
- Conductivity Standard, 1413 μS • Order Code 6354-G
- Conductivity Standard, 12,880 μS • Order Code 6317-G

<i>Conductivity:</i>	0 to 199.9 μS , 200 to 1999 μS , 2.00 to 19.99 mS
<i>TDS:</i>	0 to 9,999 ppm
<i>Salinity:</i>	0 to 9,999 ppm
<i>Temperature</i>	32°F to 149°F (0 to 65°C)
<i>Accuracy:</i>	EC, TDS, Salt: $\pm 2\%$ FS; Temperature: $\pm 1^\circ\text{C}$ (1.8°F)



pH/TDS/SALT

Code 1766

- Measures five parameters including Conductivity, TDS, Salinity, pH, and Temperature using one electrode
- Units of measure: pH, μS , mS, ppm, ppt, mg/L, g/L, °C, °F
- Memory stores up to 25 labeled readings
- Adjustable Conductivity to TDS ratio
- Auto power off and low battery indicator

Options:

- Replacement Electrode* • Order Code 1755
- Weighted Stand w/Sample Cups (5) • Order Code 1746
- Sample Cups w/caps • Order Code 1745-1
- Conductivity Standard, 84 μS • Order Code 6312-G
- Conductivity Standard, 1413 μS • Order Code 6354-G
- Conductivity Standard, 12,880 μS • Order Code 6317-G

	<i>Range</i>	<i>Resolution</i>	<i>Accuracy</i>
<i>Conductivity</i>	0 to 199.9 μS , 200 to 1999 μS , 2.00 to 19.99 mS	0.1 μS	$\pm 1\%$
<i>TDS/Salinity</i>	0 to 99.9 ppm (mg/L), 100 to 999 ppm (mg/L), 1.00 to 9.99 ppt	0.1 ppm (mg/L)	$\pm 2\%$
<i>pH</i>	0.00 to 14.00 pH	0.01 pH	± 0.01 pH
<i>Temperature</i>	32° to 149°F (0 to 65°C)	0.1°F/°C	$\pm 1.8^\circ\text{F}/^\circ\text{C}$

DISSOLVED OXYGEN TRACER

Code 1761

- Oxygen level displayed as % Saturation from 0 to 200.0% or Concentration from 0 to 20.00 ppm (mg/L)
- Adjustable Altitude Compensation (0-20,000 ft in 1,000 ft increments)
- Adjustable Salinity Compensation from 0 to 50 ppt
- Memory stores up to 25 data sets with DO and Temperature reading
- Self-calibration on power up; Data, Hold, Auto power off, Low battery indicator
- Waterproof to IP67
- Optional 3 ft (1m) or 16 ft (5m) extension cable
- Complete with DO electrode, protective sensor cap, spare membrane cap, lectrolyte
- four 1.5V SR44W batteries, and 48" (1.2m) neckstrap

	Range	Resolution	Accuracy
DO (sat. mode)	0 to 200.0%	0.1%	±2% FS
DO (conc. mode)	0 to 20.00 ppm (mg/L)	0.01 ppm (mg/L)	0.4 ppm (mg/L)
Temp.	32 to 122°F (0 to 50°C)	0.1°F/°C	±1.8°F (1°C)
Dimensions	1.4x6.9x1.6" (36x176x41mm)		
Weight	3.8 oz (110g)		

- DO Sensor Module • ORDER CODE 1762 •
- DO Membrane Kit (6 screw-on membranes and solution) • ORDER CODE 1761M •
- DO Extension Cable (1 meter) • ORDER CODE 1763 •
- DO Extension Cable (5 meters) • ORDER CODE 1764 •



FLUORIDE TRACER

Code 1756

- First Fluoride meter with built-in Automatic Temperature Compensation
- Fastest response Fluoride meter (<1 min)
- Easy use for Field or Laboratory fluoride testing
- Small sample/TISAB volume required for testing
- In compliance with EPA Method 340.2 (Potentiometric Ion Selective Electrode)
- Automatic electronic 1 or 2 point calibration with offset adjustment
- Memory stores 25 labeled readings
- Water resistant to IP54
- Large LCD simultaneously displays ppm Fluoride, Temperature, and analog bargraph indicator
- Complete with electrode, 20 TISAB reagent tablets, sensor cap, four 3V button batteries, and 48" (1.2m) neckstrap

	Range	Resolution	Accuracy
ppm	0.1 to 10 ppm	0.1%	±2% FS
Temp.	32 to 140°F (0 to 60°C)	0.1°F/°C	±1.8°F (1°C)
Dimensions	1.4x6.9x1.6" (36x176x41mm)		
Weight	7.4 oz (210g)		

- TISAB Reagent, 100 tablets • ORDER CODE 7024-J •
- Replacement Electrode • ORDER CODE 1757 •
- Fluoride Standard, 1 ppm, 1000mL • ORDER CODE 2798-M •
- Fluoride Standard, 1,000 ppm, 60mL • ORDER CODE 4154-H •
- Fluoride Standard, 1,000 ppm, 500mL • ORDER CODE 4154-L •



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