



Labware

Meters and Supplies

Hand-Held Meters

pHTestr 2™

ICN Oakton® pH Testr Series

The ICN Oakton® pH Testrs and pH Wand® are perfect for easy, accurate pH measurements in the laboratory, industrial plant, or field. Choose from five different models for the model best suited to your specific needs.



pHTestr 1™



- Accuracy: ± 0.2 pH
- Resolution: 0.1 pH
- Push-Button Calibration
- pH Range: -1.0 to 15.0
- Automatic Shut-Off
- Hold Functions

The ICN Oakton® pHTestr 1™ rapidly and accurately measures the pH value of any liquid medium. Push-Button calibration at pH 4.0, 7.0, and 10.0 automatically adjusts to your reference standard. The hold function permits you to save the LCD displayed information until it can be recorded. Also, the tester will shut-off after 8.5 minutes of non-use. Additionally, it features a self diagnosis and error message display capability. It can be used in aquariums, water baths, water conditioning and treatment facilities, cooling towers, pools, spas, and more.

- Automatic Temperature Compensation
- Accuracy: ± 0.1 pH
- Resolution: 0.1 pH
- pH Range: -1.0 to 15.0
- Automatic Shut-Off
- Hold Function
- Push-Button Calibration

This microprocessor based pH meter is similar to the pHTestr 1™, but provides better accuracy and an automatic temperature compensation that automatically adjusts to changing temperature conditions. Additionally, it features push-button calibration, hold capabilities, which allows data storage until it can be recorded, automatic shut-off after 8.5 minutes, and self diagnosis and display functions. It is ideal for determining the pH of any water source in any setting.

Cat. No.	Description	Qty.	Price
159482	pHTestr 2™	1 each	92.00

Cat. No.	Description	Qty.	Price
159481	pHTestr 1™	1 each	71.70

To place an order: (800) 854-0530, fax (800) 334-6999 1534
Outside of the U.S.: (714) 545-0100, fax (714) 557-4872

www.icnbiomed.com
E-Mail: sales@icnbiomed.com

pHTestr 3™



- Accuracy: ± 0.02 pH
- Resolution: ± 0.01 pH
- Multi-Point Push-Button Calibration
- Automatic Temperature Compensation
- pH Range: 0 to 14.99

The ICN Oakton® pHTestr 3™ is the world's first pocket sized microprocessor-based instrument to provide ± 0.01 pH resolution and \pm pH accuracy. It is the best available combination of features, high performance for professional results and low cost. Its multipoint push-button calibration capability with automatic buffer recognition and ATC deliver maximum accuracy even under varying temperature conditions.

Cat. No.	Description	Qty.	Price
159487	pHTestr 3™	1 each	133.15

pH Testr BNC™



- Universal Electrode Connection
- Accuracy: ± 0.1 pH
- Versatile
- Push-Button Calibration
- Hold-Function
- Auto Shut-Off

Use the ICN Oakton® pH Testr BNC with many different types of electrodes, including ones you are currently using. The detachable BNC electrode connection makes this tester suitable for a broad range of applications, even highly specialized ones. Just select the pH electrode best suited to your needs, connect it to the pH Testr BNC, calibrate and read - it's that easy! Use direct connect electrodes for one-handed use or electrodes with cables for hard to reach places.

The pH Testr BNC features multipoint push-button calibration with automatic buffer recognition, which ensures accuracy to ± 0.1 pH in most applications at room temperature; ± 0.2 pH accuracy at temperature and pH extremes. Other features include push-button HOLD and self-diagnostic error messages.

Cat. No.	Description	Qty.	Price
159486*	pH Testr BNC	1 each	78.10
160082	pH Testr BNC w/9mm electrode and calibration kit	1 each	165.00
160085	pH Testr BNC w/12mm electrode and calibration kit	1 each	165.00



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pH Wand®

pHTestr Calibration Kits



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- Accuracy: ± 0.01 pH
- Resolution: ± 0.01 pH
- Automatic Temperature Compensation
- Universal Electrode Connection
- Versatile

The ICN Oakton® pH Wand® is the world's most versatile ± 0.01 pH accuracy, pocket-size pH tester featuring detachable and replaceable electrodes. The high accuracy combined with the convenience and flexibility of detachable, replaceable electrodes makes the ICN Oakton® pH Wand® perfect for precise readings in most applications.

Choose from a variety of direct connect electrodes or 3 feet cabled electrodes. All pH Wand® electrodes contain a built-in temperature sensor to allow ATC to compensate for temperature variations. Like all the pHTestr series, the pH Wand® is microprocessor-based, features 3-point push-button calibration, Hold and Auto-off functions, and self-diagnostic error messages.

Cat. No.	Description	Qty.	Price
160086*	pH Wand®	1 each	145.00

*Electrode sold separately

The pHTestr calibration kits include ten each of pH 4 and 7 calibration buffer tablets, three sample jars and complete pHTestr care and use instructions - all in a hard shell carrying case that protects and organizes components. Choose between the pHTestr 1™, pHTestr 2™, or the pHTestr BNC with detachable electrodes. Or, you can simply order the economical calibration kit without a tester. All calibration kits are 7 3/4" x 6" x 2 3/4" with a shipping weight of 1 lb (0.5 kg) with tester included (0.7 lb or 0.3 kg without tester). For calibration, the pH buffer solutions or the ICN Oakton® Singles pouches for the pHTestr 3™, pH Wand®, and waterproof testers are recommended.

Cat. No.	Description	Qty.	Price
159491	pHTestr calibration kit	1 each	33.55
160077	pHTestr 1™ with calibration kit	1 each	111.55
160078	pHTestr 2™ with calibration kit	1 each	125.00
160082	pHTestr BNC w/9mm electrode and calibration kit	1 each	165.00
160085	pHTestr BNC w/12mm electrode and calibration kit	1 each	165.00

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Outside of the U.S.: (714) 545-0100, fax (714) 557-4872

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pHTestr BNC Electrodes



159545 RT **pHTESTR BNC ELECTRODE** 1 each 64.80
This sealed, gel-filled, single junction, 12mm diameter direct connect epoxy body electrode is specially designed for use with the ICN OAKTON® pHTestr BNC™.

159546 RT **pHTESTR BNC ELECTRODE** 1 each 57.80
This sealed, gel-filled, single junction, 9mm diameter direct connect electrode for test tubes is specially designed for use with the ICN OAKTON® pHTestr BNC™.

160087 RT **pHTestr BNC ELECTRODE** 1 each 75.00
This sealed, gel-filled, double junction, 12mm diameter direct connect epoxy body electrode is specially designed for use with the ICN OAKTON pHTestr BNC™.

159547 RT **pHTESTR BNC ELECTRODE** 1 each 49.70
This sealed, gel-filled, single junction, 12mm diameter direct connect epoxy body electrode is designed for use with the ICN OAKTON® pHTestr BNC™. Also included is 3 ft of cable and epoxy allowing for extended applications.

160090 RT **pHTestr BNC ELECTRODE** 1 each 75.00
This sealed, gel-filled, single junction, 12mm diameter direct connect epoxy body electrode with 3 feet cable is specially designed for high pH applications for use with the ICN OAKTON pHTestr BNC™.

160097 RT **pHTestr BNC ELECTRODE** 1 each 70.00
This sealed, gel-filled, single junction, 9 mm diameter direct connect epoxy body electrode is specially designed for high pH applications. For use with the ICN OAKTON pHTestr BNC™.

160112 RT **pHTestr BNC ELECTRODE** 1 each 80.00
This sealed, gel-filled, single junction, 12mm diameter Calomel (HgCl) direct connect epoxy body electrode is specially designed for use with the ICN OAKTON pHTestr BNC™.

160116 RT **pHTestr BNC ELECTRODE** 1 each 96.00
This sealed, gel-filled, single junction, 12mm diameter Calomel (HgCl) direct connect epoxy body electrode with a flat measuring surface is specially designed for use with the ICN OAKTON pHTestr BNC™.

160118 RT **pHTestr BNC ELECTRODE** 1 each 125.00
This sealed, gel-filled, single junction, 25 mm diameter Submersible ABS plastic pH electrode with a 10 ft. cable is specially designed for use with the ICN OAKTON pHTestr BNC™.

160119 RT **ICN OAKTON pH Wand ELECTRODE** 1 each 125.00
This sealed, gel-filled, single junction, 12.5 mm diameter epoxy body direct connect pH electrode with built-in ATC sensor is specially designed for use with the ICN OAKTON pH Wand®.

160120 RT **ICN OAKTON pH Wand ELECTRODE** 1 each 149.00
This refillable, liquid-filled, double junction, 12 mm diameter direct connect epoxy body pH electrode with built-in ATC sensor is specially designed for use with the ICN OAKTON pH Wand®.

160121 RT **ICN OAKTON pH Wand ELECTRODE** 1 each 130.00
This sealed, gel-filled, single junction, 12 mm diameter direct connect epoxy body pH electrode with built-in ATC sensor is specially designed for high pH applications. For use with the ICN OAKTON pH Wand®.

160122 RT **ICN OAKTON pH Wand ELECTRODE** 1 each 172.00
This refillable, liquid-filled, single junction, 12 mm diameter glass body pH electrode with built-in ATC sensor and 3 ft. cable is specially designed for use with the ICN OAKTON pH Wand®.



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160123 RT	ICN OAKTON pH Wand ELECTRODE This refillable, liquid-filled, single junction, 12 mm diameter Calomel (HgCl) glass body pH electrode with built-in ATC sensor and 3 ft. cable is specially designed for use with the ICN OAKTON pH Wand• .	1 each	185.00
160124 RT	ICN OAKTON pH Wand ELECTRODE This sealed, gel-filled, single junction, 12 mm diameter glass body spear tip pH electrode with built-in ATC sensor and 3 ft. cable is specially designed for use with the ICN OAKTON pH Wand• .	1 each	175.00
160125 RT	ICN OAKTON pH Wand ELECTRODE This sealed, gel-filled, single junction, 25 mm diameter submersible ABS plastic pH electrode with built-in ATC sensor and 10 ft. cable is specially designed for use with the ICN OAKTON pH Wand• .	1 each	197.00

Waterproof pHTestr 1™ and pHTestr 2™



- Replacable Electrode
- Push-Button HOLD Function
- pH Calibration Buffer Recognition
- Self-Diagnostic Error Messages
- Automatic Shut-Off

ICN Oakton® Singles



ICN Oakton® pH Singles are calibration solution pouches containing 20 ml of pH calibration solution or deionized water for rinsing. All solutions are certified traceable to NIST standards for maximum accuracy. Pouches are airtight, guaranteeing freshness for each use. Each pouch is labeled with the name and CAS number for all ingredients to conform with "Right-to-Know" requirements.

Cat. No.	Description	Qty.	Price
159528	Singles, pH 4.01	20/box	28.90
159529	Singles, pH 7.00	20/box	28.90
159530	Singles, pH 10.00	20/box	28.90
159531	Singles Deionized Rinse Water	20/box	28.90
159532	Singles, 5 of each pH and water	20/box	28.90

Never again watch your tester sink to the bottom of the pond or tank. The ICN Oakton® waterproof pHTestr 1 and 2 float so you can retrieve them. Never again wonder whether a pH instrument is truly waterproof. The pHTestr 1 and 2 can be certified to meet IP67 ratings for dustproof and waterproof ingress protection. As an added bonus, both models feature replaceable electrodes. With the replacement electrode being only a fraction of the cost of the entire unit, both models are highly economical in their class over the course of time.

Cat. No.	Description	Qty.	Price
160126	Waterproof pHTestr 1™	1 each	105.00
160127	Waterproof pHTestr 2™	1 each	127.50
160128	pHTestr 1 Replacement Electrode	1 each	50.00
160129	pHTestr 2 Replacement Electrode	1 each	63.00

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Calibration pH Solutions

TDSTestr 1-4

These calibration buffer solutions are standardized against NIST certified references to ensure your confidence. Each bottle is labeled with the name and CAS number for all ingredients to conform to "Right-to-Know" requirements, and are supplied with a MSDS.

Cat. No.	Description	Qty.	Price
160130	Buffer Solution pH 1.68	460 ml	13.25
160131	Buffer Solution pH 4.01	460 ml	13.25
160132	Buffer Solution pH 7.00	460 ml	13.25
160133	Buffer Solution pH 10.00	460 ml	13.25
160134	Buffer Solution pH 12.45	460 ml	13.25



- Full Readout Display
- Outlasts Test Kits Many Times Over
- Automatic Temperature Compensation
- Accuracy: $\pm 2\%$ FS

ICN Oakton® Electrode Solutions

Extend the life of your pH Wand® or pHTestr BNC electrodes and maintain accurate readings with ICN Oakton® electrode cleaning solutions. The general purpose pH and ORP electrode cleaning solution is a safe way to maintain sensitivity by removing build-up from electrodes. Use the pH electrode storage solution and pH electrode saver bottle to keep electrode bulb moist for quicker, more accurate pH readings. Bottles are made of recyclable polyethylene.

Cat. No.	Description	Qty.	Price
160135	General Purpose pH/ORP Electrode Cleaning Solution	460 ml	13.25
160136	pH Electrode Storage Solution	460 ml	19.85
160137	pH Electrode Saver Bottle	1 each	11.00

The ICN Oakton TDSTestr series offers the convenience of full scale readout on the display, eliminating the need for multiplying the displayed reading to obtain the actual test values. This practical feature saves time and eliminates error. For little more than the price of a water hardness test kit, you can have a digital test instrument that will outlast a test kit many times over. These four testers read directly in ppm or ppt for total dissolved solids, or in micromhos (μS) or millimhos (mS) for conductivity.

Because all TDSTestrs feature ATC, once they are calibrated to an appropriate standard, the ATC will automatically compensate for changes in the conductivity of the solution due to changes in temperature.

Cat. No.	Description	Qty.	Price
159483	TDSTestr 1	1 each	75.25
159525	TDSTestr 2	1 each	75.25
159526	TDSTestr 3	1 each	75.25
159527	TDSTestr 4	1 each	75.25

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TDSTestr 10 and 20



- Two Range Direct Readout
- Automatic Ranging
- Push-Button Calibration

The ICN Oakton® TDSTestr 10 and 20 are the world's first microprocessor based, dual-range testers for conductivity and TDS measurements. The TDSTestr 10 reads 0-1990 ppm (with 10 ppm resolution) and 2.00-10.00 ppt (with 0.10 ppt resolution). The TDSTestr 20 reads 0-1990 μ S (with 10 μ S resolution) and 2.00-19.00 mS (with 0.10 mS resolution). Because they are microprocessor based, they offer easy push-button calibration. Both models feature auto-ranging, auto-off for battery conservation, HOLD function, and self-diagnostic error message indicator.

Cat. No.	Description	Qty.	Price
160138	TDSTestr 10	1 each	143.25
160139	TDSTestr 20	1 each	143.25

Cat. No.	Description	Qty.	Price
160140	447 μ S Kit	1 each	29.75
160141	1413 μ S Kit	1 each	29.75
160142	2070 μ S Kit	1 each	29.75
160143	8974 μ S Kit	1 each	29.75
160144	15,000 μ S Kit	1 each	29.75

ICN Oakton® Conductivity/TDS Solutions

These conductivity/TDS calibration buffer solutions are standardized against NIST certified references to ensure confidence in their accuracy.

Cat. No.	Description	Qty.	Price
160145	23 μ S Buffer Solution	460 ml	14.35
160146	84 μ S Buffer Solution	460 ml	14.35
160147	447 μ S Buffer Solution	460 ml	14.35
160148	1413 μ S Buffer Solution	460 ml	14.35
160149	1500 μ S Buffer Solution	460 ml	14.35
160150	2070 μ S Buffer Solution	460 ml	14.35
160152	8974 μ S Buffer Solution	460 ml	14.35
160153	12,880 μ S Buffer Solution	460 ml	15.95
160154	15,000 μ S Buffer Solution	460 ml	15.95

TDS and Conductivity Calibration Kits and Solutions

TDSTestr calibration kits are ideal for both the standard TDSTests 1, 2, 3, 4, and the new microprocessor based, dual-range TDS Testr 10 and TDSTestr 20. Choose from five different kits - simply select the model with calibration values closest to your expected readings. All kits include a screwdriver for calibrating TDSTestr models 1-4, a detailed instruction card, 100 ml calibration solution, and 120 ml of deionized water in a squirt bottle. All components are secured safely in molded foam with space left for your TDSTestr in a hard shell carrying case.

TempTestr®



- Selectable Scale: °F or °C
- Accuracy: $\pm 1^{\circ}\text{C}$
- Fast Plug-In Probe Attachment
- Push-Button Calibration

Measure temperatures from -20 to 220°F (-29 to 105°C) quickly and accurately with the ICN Oakton® TempTestr®. It is factory calibrated, but simply use the push-button keypad for fine adjustment. It includes a detachable plug-in 304 SS temperature probe.

Because it is microprocessor based, the TempTestr® offers such useful features as °C or °F selectable scale, defaulting to °F when turned on; HOLD function to retain a reading for later recording; self-diagnostic error message alerting the user of low battery conditions or over/under range conditions; automatic shut-off after 8.5 minutes of inactivity.

Cat. No.	Description	Qty.	Price
159485	TempTestr®	1 each	74.00

ORPTestr



- Accuracy: $\pm \text{mV}$
- Offset of $\pm 150 \text{ mV}$ for Keypad Adjustment
- Automatic Shut-Off
- HOLD Function
- Push-Button Calibration

Because the ICN Oakton® ORPTestr is microprocessor based and has a large surface area platinum band sensor, its readings are exceptionally fast, stable, reliable, and reproducible. It is ideal for quick and easy ORP examination in chromate reduction, drinking water, cyanide oxidation, swimming pool water, pulp bleaching, and other ORP applications. It has all the standard features of all tester types.

Cat. No.	Description	Qty.	Price
159484	ORPTestr	1 each	150.00



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Fluoride Ion Testr

Testr Accesories



- Push-Button Calibration and Operation
- Direct Readings
- Accuracy: ± 0.05 ppm
- Dual Range

The new ICN Oakton® Fluoride Ion Testr is small enough to go anywhere and capable of directly measuring fluoride ion concentration. It uses fluoride standards and test methods in accordance with ASTM recommendations for measuring fluoride in drinking, surface, saline, and domestic and industrial waste. It is even useful for fluoride gas trap testing and water treatment in metal finishing operations. Calibrate with 0.50 ppm, 1.00 ppm, 2.00 ppm standards. Fluoride electrode sold separately below must be used with the ICN Oakton® Fluoride Ion Testr. Do Not Substitute.

Cat. No.	Description	Qty.	Price
159488	One Testr Carrying Pouch	1 each	11.55
159489	Two Testr Carrying Pouch	1 each	17.30
159490	Three Testr Carrying Pouch	1 each	21.75

Cat. No.	Description	Qty.	Price
160162	Fluoride Ion Testr	1 each	385.00
160163	Direct Connect Fluoride Ion Testr Electrode	1 each	235.00
160164	Fluoride Ion Testr Calibration Kit	1 each	205.00



Cat. No.	Description	Qty.	Price
160161	Battery Powered Magnetic Stirrer	1 each	11.55
159492	Testr Replacement Batteries	4/pk	34.70

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