

OAKTON® microprocessor-based pHTestrs™ 1, 2 and BNC

For fast, stable readings, the pHTestr 1, 2 and BNC are our most economical pocket-sized testers.

Microprocessor-based functions

for fast, stable readings

Push-button calibration with auto-buffer recognition

no screwdrivers required

Error messages

alert you to low batteries, over/under range conditions or incorrect calibration input

HOLD function

freezes readings so you can record them later; great for low light conditions!

Auto-off function

conserves batteries

pHTestr 1 features:

One-point calibration

at pH 4.0; 7.0; or 10.0 for great consistency over its entire range

±0.2 pH accuracy

pHTestr 2 features:

Automatic Temperature Compensation (ATC)

for accurate readings in fluctuating temperatures

Three-point calibration

at pH 4.0; 7.0; and 10.0; automatically provides offset and two slope adjustments

±0.1 pH accuracy

pHTestr BNC features:

Connects to any electrode with BNC connector

lets you use tester in virtually any application, even highly specialized ones

Three-point calibration

at pH 4.0; 7.0; and 10.0; automatically provides offset and two slope adjustments

±0.1 pH accuracy in most applications



Left: pHTestr 1 shown actual size.

Lower left: Use the pHTestr Calibration kit for easy calibration and storage of your pHTestr (shown with pHTestr 2).

Upper right: Testr belt loop carrying cases store and protect your tester in the field.

Lower right: the pHTestr BNC features disconnecting electrodes to customize your tester to your specific application.



CE

1 year warranty
excludes electrode

ISO 9001
vendor
CERTIFIED

The pHTestrs™ 1, 2 and BNC are the perfect tools for quick, economical and reliable pH measurements. The pHTestr 1 is our most economical pH tester. pHTestr 2 features Automatic Temperature Compensation for accurate readings in fluctuating temperatures. pHTestr BNC connects to any electrode with BNC connector, letting you customize your tester to virtually any application.

The pHTestrs 1, 2 and BNC feature microprocessor-based, all push-button operation. All functions are accessible from a splash-resistant membrane keypad. Each tester features a sturdy pocket clip with holes to attach a cord. Their rugged thermoplastic body offers good chemical compatibility and durability.

All pHTestrs are supported by a full selection of OAKTON calibration solutions, kits and accessories. See the back of this sheet for ordering information and complete specifications.

OAKTON® ...setting the standard, again and again™

Flip-up battery compartment eliminates snapped wires when replacing batteries.



Sturdy pocket clip features holes to attach a cord to prevent tester loss.



pHTester calibration kits include everything you need for pH calibration and measurement (pHTester 1 kit WD-35624-62 shown).



pHTester BNC uses both direct-connect electrodes for one-handed use, or cabled electrodes for hard-to-reach areas.



Three-tester carrying case (WD-35624-43) is ideal for carrying your pHTester BNC, electrode and buffer solution pouches.



Buffer solutions are available in economical bottles or convenient single-use pouches (shown below).



pHTester 1, pHTester 2 and pHTester BNC

• Applications •

General applications: Ideal for quick and easy pH checks in most applications, including: aquariums, food processing, laboratory photographic development, printing processes, hydroponics and pool/spa water analysis. pHTester BNC is ideal for highly specialized applications that require specially shaped electrodes—like spear tipped, flat tipped or special diameter models.

Industrial applications: Great for wastewater treatment checks, water conditioning plants, coolant testing, cooling towers and plating/finishing operations, plus many other chemical process applications. Use the pHTester BNC with long cabled electrodes to get into hard-to-reach places, or for checking readings from pH electrodes submersed in tanks or pipelines.

Educational applications: the simple-to-use, economical pHTesters are ideal for all levels of education. The pHTester BNC can use a small-diameter electrode that fits in test tubes.

• Specifications •

Model	pHTester 1	pHTester 2	pHTester BNC
Range	-1.0 to 15.0 pH extended range		
Resolution	0.1 pH		
Accuracy	±0.2 pH	±0.1 pH	±0.1 pH (meter only or when calibration and tests are at room temperature 62° to 81°F)
Calibration	at either pH 4.0; 7.0 or 10.0 select up to 3 points (4.0; 7.0; 10.0) in any sequence		
Operating temperature	0 to 50°C; 32 to 122°F		
Temperature compensation	—	Automatic (ATC), 0 to 50°C, 32 to 122°F	—
Special functions	On/Off or Auto-Off after 8.5 minutes; HOLD; CALibrate and COntain		
Power and battery life	Three 1.5 V alkaline batteries Eveready A76BP (supplied) 40 hrs. continuous use (approx. 1200 tests per battery pack). Alternate replacement model Eveready 303 silver oxide, 70 hrs. continuous use.		
Dimensions	Unit only: 5 7/8" L x 1 1/2" W x 3/4" H (15 x 4 x 2.5 cm); Boxed: 7 7/8" L x 2 3/4" W x 1 1/8" H (18.4 x 7 x 4.8 cm)		
Weight	Unit only: 3.25 oz (90 g); Boxed: 6 oz (170 g)		

• Ordering Information •

All pHTesters include batteries and operating instructions.

WD-35624-00 pHTester 1. Features built-in electrode sensor

WD-35624-20 pHTester 2. Features built-in electrode sensor

WD-35624-10 pHTester BNC, requires electrode with BNC connector (order separately below)

Calibration kits

Standard kits include tester; ten pH 4 and ten pH 7 calibration buffer tablets; three sample jars; and hard shell carrying case.

pHTester BNC kits also include Direct-Connect electrode. 7.75" x 6" x 2.75" (20 x 15 x 7 cm). Shpg wt: 1.9 lbs (0.86 kg).

WD-35624-62 pHTester 1 Kit

WD-35624-64 pHTester 2 Kit

WD-35624-63 pHTester BNC Kit w/12-mm electrode

WD-35624-61 pHTester BNC Kit w/9-mm electrode

WD-35624-60 pHTester Kit without tester

WD-35624-70 Deluxe pHTester Kit without tester; includes

2 each pH Singles buffer pouches 4.01; 7.00; 10.00 and rinse water, sample jar, and carrying case

Electrodes for use with pHTester BNC

Single junction electrodes for general use

WD-35804-00 Direct-connect electrode, gel filled, sealed, 12 mm dia

WD-35804-01 Direct-connect electrode, gel filled, sealed, 9 mm diameter for test tube use

WD-35804-06 Direct-connect electrode, spear tip, gel filled, sealed, 12 mm dia

WD-35804-10 Direct-connect electrode, flat measuring surface, gel filled, sealed, 12 mm dia

WD-35801-00 Electrode with 3-ft cable, gel filled, sealed, 12 mm dia

Double junction electrodes for solutions with organics, sulfides, heavy metals or high pH

WD-35804-08 Direct-connect electrode, gel filled, sealed, 12 mm dia

WD-35805-06 Electrode with 3-ft cable, gel filled, sealed, 12 mm dia

Accessories

WD-35624-41 Belt loop vinyl carrying case—holds one tester. 3.25" L x 7" H. Shpg wt 0.1 lb (43 g)

WD-35624-42 Belt loop vinyl carrying case—holds two testers. 6.25" L x 7" H. Shpg wt 0.2 lb (82 g)

WD-35624-43 Belt loop vinyl carrying case—holds three testers. 9.25" L x 7" H. Shpg wt 0.2 lb (82 g)

WD-09377-16 Replacement batteries, 1.5 V, 6/pack

Calibration solutions

"Singles" pH Calibration pouches, 20 pouches/box. Each pouch contains 20 ml premixed calibration solution. Accuracy ±0.01 pH at 25°C. NIST traceable. Shpg wt: 1 lb (0.5 kg)

WD-35653-01 "Singles" pH 4.01

WD-35653-02 "Singles" pH 7.00

WD-35653-03 "Singles" pH 10.00

WD-35653-00 "Singles" rinse water

WD-35653-04 "Singles" assortment pack, five of each

pH Calibration bottles, 1 pint of NIST traceable buffer solution.

Each bottle includes a MSDS (Material Safety Data Sheet).

Accuracy ±0.01 pH at 25°C. Shpg wt: 1.1 lb (0.6 g)

WD-00654-00 Calibration bottle pH 4.01

WD-00654-04 Calibration bottle pH 7.00

WD-00654-08 Calibration bottle pH 10.00

See our twelve-page Testers brochure TESTRS 2 for more OAKTON pHTesters.

• ORDER FROM •