The Series TAC3 Pocket Tachometer measures and displays rotational speed of saw blades, grinders, engines, motors, and conveyor belts. The unique ergonomic design provides direct line-of-sight viewing of display and target. Easy-to-read 5-digit alphanumeric dual LCD also displays on target, continuous measurement, memory, and low battery indication. Measurements of up to 999,999 can be viewed with the on-screen multiplier. The Model TAC3 is a 32 function tachometer/ratemeter, totalizer/counter, and timer. It is programmable in English or Metric units. An input socket accepts remote sensing devices and an output socket allows for pulse output to external indicating devices. The Model TAC3 can be tripod mounted and “Locked-On” for accurate and continuous operation. This tachometer also stores minimum, maximum, and last measurement in memory.

Model TAC3-K Kit comes with tachometer, plastic case, remote contact assembly, concave and convex contact tips, 3.9 in (10 cm) circumference contact wheel, N.I.S.T. certification, and WPH-RS, Remote optical sensor includes mounting bracket and 6 ft (1.5 m) of reflective tape. Optional TAC3-K9 Remote Optithal Sensor allows this unit to measure rps, rpm, or rph in hard to reach locations.

Model TAC3 Pocket tachometer includes 12” of reflective tape and N.I.S.T. certification

**ACCESSORIES**

TAC2K-91, Remote optical sensor includes mounting bracket and 8 ft (2.5 m) cable (optional 100 ft)

TAC-5, Reflective tape, 5 ft (1.5 m) roll, 1/2” (13 mm) wide

TAC-3, Remote contact assembly for TAC3 includes 6 ft (1.8 m) cable, convex and concave tips and 10 cm contact wheel

**SPECIFICATIONS**

- **Accuracy:** Contact: ±0.01% of reading; Non-contact: ±0.05% of reading;
- **Display:** Dual LCD display (5 digit upper display / scrolling 5 digit alphanumeric lower display);
- **Resolution:** User-selectable from 0.001 to 1 (10 above 99,999); Timer: ±0.1 sec.

**Measurement Ranges**

- **Linear Menu**
  - **Range:** 0.050 - 2,000.0
  - **Resolution:** 0.050 - 2,000.0
  - **Accuracy:** ±0.05% of reading;

- **Contact Tips**
  - **Range:** 0.5 - 12,000 rpm
  - **Resolution:** 0.5 - 12,000 rpm
  - **Accuracy:** ±0.01% of reading;

- **Linear Menu**
  - **Range:** 5.000 - 200,000
  - **Resolution:** 5.000 - 200,000
  - **Accuracy:** ±0.01% of reading;

- **Contact Tips**
  - **Range:** 5 - 200,000
  - **Resolution:** 5 - 200,000
  - **Accuracy:** ±0.01% of reading;

- **Totalizer/Counter**
  - **Range:** 0.002 - 74.564
  - **Resolution:** 0.002 - 74.564
  - **Accuracy:** ±0.01% of reading;

- **Timer**
  - **Range:** 0.0001 - 99,999
  - **Resolution:** 0.0001 - 99,999
  - **Accuracy:** ±0.01%

**Applications**

Sanitation plants and labs.

**Agency Approvals:** CE.

**Power Requirements:** 2 “AA” batteries.

**Weight:** 7 oz (210 g).

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**Series WPH Waterproof Pocket-Size pH Testers**

The Series WPH Waterproof Pocket-Size pH Testers are designed to accurately take repeatable readings in a variety of applications. The replaceable double junction sensor contains a regressed glass pH bulb to protect against breaking. The large 4 digit display is easy to read and has a resolution of up to 0.01 pH. The Series WPH comes standard with automatic temperature compensation and can be ordered with a dual pH/temperature display.

Model WPH-10, Water-proof pH Tester 0.1 pH Accuracy
Model WPH-20, Water-proof pH Tester 0.01 pH Accuracy
Model WPH-30, Water-proof pH Tester 0.01 pH Accuracy with Temperature

**ACCESSORY**

WPH-RS, Replaceable Double Junction Sensor

**SPECIFICATIONS**

- **Range:** WPH-10: 1.0 to 15.0 pH; WPH-20: 0.00 to 14.99 pH; WPH-30: 0.00 to 15.00 pH; Temperature: 0 to 50°C (32 to 122°F)
- **Accuracy:** WPH-10: ±0.1 pH; WPH-20: ±0.01 pH; and WPH-30: ±0.01 pH.
- **Display:** 4-digit, 5/16” (8 mm) high LCD.
- **Resolution:** WPH-10: 0.1 pH; WPH-20: 0.01 pH; and WPH-30: 0.01 pH.
- **Ambient Operating Temperature:** 0 to 50°C (32 to 122°F)

**Applications**

Water quality testing in pools, spas, aquariums, hydroponics, ecology studies, water and wastewater treatment, boiler/steam generators, printing and chemical industries, sanitation plants and labs.

**Agency Approvals:** CE.

**Power Requirements:** Four 1.5V LR44 alkaline batteries (Over 500 hours)

**Calibration:** WPH-10: Up to three points USA/NIST buffers (4.0/4.0, 7.0/8.86, 10.0/18); WPH-20 & WPH-30: Up to 3 points USA/NIST (4.0/4.0, 7.0/8.86, 10.0/18).

**Enclosure Rating:** IP67.

**Electrode:** Replaceable double junction.

**Weight:** WPH-10: 7.2 oz (200 g); WPH-20 & WPH-30: 4.5 oz (125 g).