

Laser Tachometer

HHT20A Series



- ✓ Convenient Pistol-Grip Design
- ✓ Safe, Non-Contact Operation to 3 m (10') and 45° from Target
- ✓ Auto-Ranging 5 to 100,000 rpm
- ✓ Accuracy and Resolution: ±1 rpm
- ✓ 6-Digit LCD
- ✓ Remote Sensor Available
- ✓ Low-Battery and On-Target Indicators
- ✓ Last Measurement Memory

The HHT21A combines the accuracy and safety of a non-contact laser tachometer with the convenience and ease of operation of a pistol-grip instrument. Simply aim the tachometer at a reflective tape target on the rotating object, squeeze the trigger, and read the rpm. The HHT21 has internal laser optics and can be used with a remote optical sensor. It can be handheld or mounted with the ¼-20 threaded bushing in the base of the handle.

Specifications

Range: 5 to 100,000 rpm
Accuracy: ±1 rpm
Resolution: 1 rpm
Display: 6-digit, 13 mm (0.5") high LCD
Operating Envelope: Up to 3 m (10') and 45° from reflective target
Power-On Switch: Pistol-grip trigger; can be locked on with latching pushbutton for long-duration measurements
Power: 4 "AA" alkaline batteries (included); optional Ni-Cads can be charged while in tachometer
Battery Life: 6 to 8 hours typical
Dimensions: 82.5 x 44.5 x 155.7 mm plus 120.6 mm handle (3.25 x 1.75 x 6.13" plus 4.75" handle)
Weight: 0.56 kg (1.25 lb)
Mounting: ¼-20 UNC mounting bushing in handle
Temperature: 5 to 40°C (41 to 104°F)



HHT21A shown smaller than actual size.

Humidity: Maximum RH 80% for temperatures up to 31°C (88°F), decreasing linearly to 50% RH at 40°C (104°F)
Display Update Rate: 2/s
Recharger (Optional): 115 or 230 Vac, 7.8 Vdc at 50 mA max
Remote Optical Sensor (Optional)
Size: 74 L x 15 mm OD (2.90 L x 0.62"); M16 threaded tube, 2.4 m (8') cable 51 x 51 x 20 mm (2 x 2 x 0.8") mounting bracket with 2 M16 jam nuts
Power: 5 Vdc @ 30 mA (powered from base unit)
Temperature: -10 to 80°C (15 to 180°F)



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.



HHT21A with nylon case (included), shown smaller than actual size.

To Order

Model No.	Description
HHT21A	Tachometer with LCD
HHT21A-R-KIT*	Tachometer with LCD, remote sensor, recharger
Accessories	
HHT-ROS-CABLE	7.6 m (25') extension cable for remote sensor
HHT-RT-5	Reflective tape, 1.5 m x 1.3 mm roll (5' x ½")

HHT21A comes with operator's manual, 4 "AA" alkaline batteries, nylon case, NIST-traceable calibration certificate and 1.5 m (5') of reflective tape. The HHT21A-R-KIT comes with operator's manual, 4 Ni-Cad batteries, recharger, rugged case, 1.5 m (5') of reflective tape, and remote optical sensor with mounting bracket and 2.4 m (8') of cable.

* Add "-230V" to order with 230 Vac recharger; additional cost to price.

Ordering Example: HHT21A-R-KIT, tachometer with LCD, remote sensor, recharger and NIST calibration certificate.

OCW-3, OMEGACARESM extends 1-year warranty to a total of 4 years.