

Laser Tachometer

HHT20A Series
Starts at
£235



- ✓ Convenient Pistol-Grip Design
- ✓ Safe, Non-Contact Operation to 3 m and 45° from Target
- ✓ Auto-Ranging 5 to 100,000 rpm
- ✓ Accuracy and Resolution: ±1 rpm
- ✓ 6-Digit LCD
- ✓ Available with Remote Sensor
- ✓ 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 tripod 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)
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 programme is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labour and equivalent loaners.



HHT21A, £235, with nylon case, shown smaller than actual size.

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.	Price	Description
HHT21A	£235	Tachometer with LCD, CE approved
HHT21A-R-KIT-230V	435	Tachometer with LCD, remote sensor, recharger.
Accessories		
HHT-ROS-CABLE	50	7.5 m extension cable for remote sensor
HHT-RT-5	13	Reflective tape, 1.5 m x 1.3 mm roll

HHT21A comes with operator's manual, 4 "AA" alkaline batteries, nylon case, traceable calibration certificate and 1.5 m of reflective tape. The HHT21A-R-KIT-230 comes with operator's manual, 4 Ni-Cad batteries, recharger, rugged case, 1.5 m of reflective tape, and remote optical sensor with mounting bracket and 2.4 m (8') of cable.

Ordering Example: HHT21A-R-KIT-230, tachometer with LCD, remote sensor, recharger and calibration certificate, £435. OCW-3, OMEGACARESM extends 1-year warranty to a total of 4 years (£170), £435 + 107 = £542.

omega.co.uk[®]

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

www.omega.co.uk



UNITED STATES

www.omega.com

1-800-TC-OMEGA

Stamford, CT.

CANADA

www.omega.ca

Laval(Quebec)

1-800-TC-OMEGA

GERMANY

www.omega.de

Deckenpfronn, Germany

0800-8266342

UNITED KINGDOM

www.omega.co.uk

Manchester, England

0800-488-488

FRANCE

www.omega.fr

088-466-342

CZECH REPUBLIC

www.omegaeng.cz

Karviná, Czech Republic

596-311-899

BENELUX

www.omega.nl

0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters