

Surface Probe Tester



CL1600 Series
\$2995
 All Models



Standard

**Large Usable
 Hot Surface Area**
 [120.45 cm²
 (18.6 in²)]

- ✓ Temperature Range From 35 to 450°C (95 to 842°F)
- ✓ Highly Stable
- ✓ Fast Heat Up
- ✓ Built-In Digital PID Auto-Tune Temperature Controller with Temperature Readout
- ✓ RS232 Output Standard
- ✓ NIST Traceable Calibration Certificate Included

The OMEGA® CL1600 surface probe tester is a system designed to check and verify surface probe readings across a wide range of temperatures, from 35 to 450°C (95 to 842°F). The CL1600 allows periodic in-house testing and provides preventive maintenance for all your surface sensors. A large diameter, mirror like, high grade aluminum alloy hotplate design, provides stability while maintaining quick, uniform heat-up on the entire system.



**Rugged,
 Compact and
 Portable!**

CL1600-120VAC, \$2995, shown smaller than actual size.

Specifications

Target Plate: 124 mm dia (4.875")
Temperature Range: 35 to 450°C (95 to 842°F)
Plate Uniformity/Accuracy:
 ±0.4°C @ 100°C ±1.4°C @ 400°C
 ±0.8°C @ 200°C ±1.7°C @ 450°C
 ±1.2°C @ 300°C
Display Resolution: ±2.0°C
Readout: °C or °F switchable
Ambient Conditions: 25 to 40°C (77 to 113°F), 0 to 90 RH non-condensing
Heating Time: 30 minutes from 35 to 450°C (95 to 842°F)
Cooling Time: 90 minutes
Stabilization Time: 15 minutes
Temperature Sensor: Class A 100 Ω Pt RTD



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.

Power: 115 or 230 Vac (see note below for included power cords)

Dimensions: 216 W x 279 L x 102 mm H (8.5 x 11 x 4")

Weight: 3.4 kg (7.5 lb)

AVAILABLE FOR FAST DELIVERY!



CL1600-120VAC, \$2995, shown with 88106K surface probe, \$190 and HH-22A handheld meter, \$225.

To Order (Specify Model Number)

| Model No. | Price | Description |
|---------------|--------|-------------------------------|
| CL1600-120VAC | \$2995 | Surface probe tester, 120 Vac |
| CL1600-240VAC | 2995 | Surface probe tester, 240 Vac |

Accessories

| Model No. | Price | Description |
|-----------|-------|--|
| HH-22A | \$225 | Handheld meter with 2 inputs, J/K switchable |
| 88106K | 190 | Right angle surface probe Type K, 760°C (1400°F) max |

Comes complete with 2 power cords; one for each 120 Vac operation and one with stripped leads for 240 Vac operation, NIST calibration certificate, and operator's manual.

Ordering Example: CL1600-120VAC, surface probe tester, HH-22A, handheld meter, and 88106K, right angle surface probe, \$2995 + 225 + 190 = \$3410.

OCW-1, OMEGACARESM extends standard 1-year warranty for total of 2 years (\$250), \$2995 + 250 = \$3245.



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

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1-800-TC-OMEGA

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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, Strain Gages, 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