

Surface Probe Tester

CL1600 Series
\$2995
 All Models

Rugged,
 Compact and
 Portable!



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

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

Omega's 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.

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 RTD
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!

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	\$215	Handheld meter with 2 inputs J/K
88106K	190	Right angle surface probe Type K, 760°C (1400°F) max

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

Ordering Example: CL1600-120VAC, surface probe tester, HH-22A, handheld meter, and 88106K, right angle surface probe, \$2995 + 215 + 190 = \$3400.



CL1600-120VAC, \$2995, shown with 88106K surface probe, \$190 and HH-22A handheld meter, \$215.



UNITED STATES

www.omega.com
1-800-TC-OMEGA
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• pH and Conductivity

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

• Data Acquisition

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• Pressure, Strain and Force

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• 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