

Surface Probe Tester



TRODEKS®

CL1600 Series



Standard

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



**Rugged,
Compact and
Portable!**

- ✓ 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 TRODEKS® 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.



CL1600-120VAC shown with 88106K surface probe and HH-22A handheld meter.

Specifications

Target Plate: 124 mm diameter (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

CL1600-120VAC shown smaller than actual size.

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)

To Order	
Model No.	Description
CL1600-120VAC	Surface probe tester, 120 Vac
CL1600-240VAC	Surface probe tester, 240 Vac

Accessories	
Model No.	Description
HH-22A	Handheld meter with 2 inputs, J/K switchable
88106K	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.

