

# Surface Probe Tester



## TRODEKS®

### CL1600 Series



Standard

**Large Usable  
Hot Surface Area**  
[120.45 cm<sup>2</sup>  
(18.6 in<sup>2</sup>)]

- ✓ 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.



**Rugged,  
Compact and  
Portable!**

### 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.