K-21 Specifications (All specifications are based on the test probes being in contact with the bottom of the test well)

Temperature Range: Ambient 22 to 482°C (ambient 40 to 900°F)

Operating Ambient Temperature Range: 5 to 38°C (40 to 100°F)

Accuracy: (1° resolution)

CL900A with 152 mm (6") Test Well Inserts: ±0.8°C (±1.5°F)

CL900A with 101.6 mm (4") Test Well Inserts: ±1.7°C (±3°F)

CL950A: ±0.8°C (±1.5°F)

Control Stability: ±0.15°C (±0.3°F)

OMEGA’s hot point® calibrator is part of a family of calibrators which allows calibration of thermocouple and RTD probes quickly and easily with an accuracy to ±0.8°C (±1.5°F). An integral RTD sensor assures high measurement accuracy and repeatability. A built-in microprocessor-based PID digital controller assures exceptional stability. Setpoint and actual temperature are displayed simultaneously. Temperature can be set in 1 degree increments from ambient 22 to 482°C (ambient 40 to 900°F).

The CL900A calibrator accepts a variety of optional inserts which are available in 101.6 mm (4") and 152 mm (6") depths, and probe diameters from 1/8 to 3/8". An undrilled insert is also available. The CL900A comes complete with a 152 mm (6") deep insert well for ¼" diameter probes, and insert removal tongs. Additional inserts can be ordered separately as required for other diameter probes. 152 mm (6") well depth inserts are used for probes 178 mm (7") and longer. 101.6 mm (4") well depth inserts are used for probes 127 mm (5") and longer.

The CL950A has a fixed thermal well with ⅛, ⅛, ⅜ and ¼" diameter holes. The CL950A-M has metric holes (2, 3, 4.5 and two 6 mm diameter holes).

Specifications

All specifications are based on the test probes being in contact with the bottom of the test well.

Temperature Range: Ambient 22 to 482°C (ambient 40 to 900°F)

Operating Ambient Temperature Range: 5 to 38°C (40 to 100°F)

Accuracy: (1° resolution)

CL900A with 152 mm (6") Test Well Inserts: ±0.8°C (±1.5°F)

CL900A with 101.6 mm (4") Test Well Inserts: ±1.7°C (±3°F)

CL950A: ±0.8°C (±1.5°F)

Control Stability: ±0.15°C (±0.3°F)
Caution: To avoid fire hazard or damage to your calibrator, always allow your calibrator to cool down to ambient temperature before returning to storage.

**K-22**

**Model No.** | **Description**
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CL900A-110 | Hot point probe calibrator, 115 Vac
CL900A-220* | Hot point probe calibrator, 230 Vac, CE
CL950A-110 | Hot point British multi-well probe calibrator, 115 Vac
CL950A-220* | Hot point British multi-well probe calibrator, 230 Vac, CE
CL950A-M-110 | Hot point metric multi-well probe calibrator, 115 Vac
CL950A-M-220* | Hot point metric multi-well probe calibrator, 230 Vac, CE

Comes complete with CL906 test well, insert removal tongs and operator’s manual. Inserts are for CL900 and CL900A hot point® calibrators only.

*Note: Only 230 Vac models are CE marked.

**Ordering Examples:** CL900A-110, hot point® calibrator, 115 Vac, and CL905 10.6 cm (4") test well insert for 6.3 cm (1⁄4") probes. OCG-3 OMEGACARE™ extends standard 1-year warranty to a total of 4 years.

**Temperature Uniformity (within the Bottom 25 mm/1" of the Test Well):**
- CL900A with 152 mm (6") Test Well Inserts: ±0.3% rdg
- CL900A with 101.6 mm (4") Test Well Inserts: ±0.4% rdg
- CL950A: ± 0.3% rdg

**Max Probe Immersion:**
- CL900A with 152 mm (6") Test Well Inserts: 152 mm (6")
- CL900A with 101.6 mm (4") Test Well Inserts: 101.6 mm (4")
- CL950A: 152 mm (6")

**Control:** Microprocessor-based PID digital controller

**Power:** 115 Vac, 50/60 Hz, 230 Vac, 50/60 Hz, 1050 W

**Dimensions:** 312 H x 363 W x 191 mm D (12.3 x 14.3 x 7.5")

**Weight:** 11.4 kg (25 lb)

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**OMEGACARE™** extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE™ covers parts, labor and equivalent loaners.