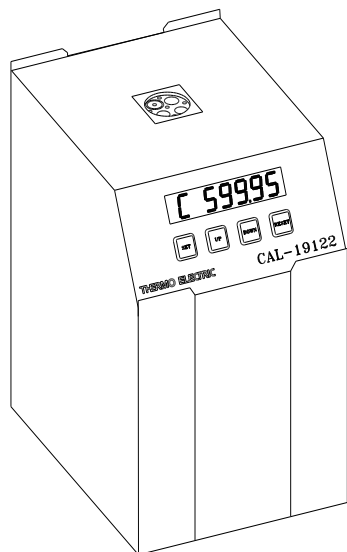


DRY WELL CALIBRATOR

high capacity, 35 °C to 600 °C



Features:

- Calibrates nine probes simultaneously
- High resolution
- Ramp and soak programs
- Extended controller operations
- Manually or under automation
- RS 232 serial interface
- Microprocessor based

Applications:

For quick accurate testing of up to nine temperature sensors in laboratories, maintenance, repair or testing facilities.

Specifications:

Model	: CAL-9122
Temperature range	: +35 °C to +600 °C
Display resolution	: 0,01 °C
Display	: LED, value and °C
Accuracy	: center well $\pm 0, 1^{\circ}\text{C}$ to 200 °C; $\pm 0,2^{\circ}\text{C}$ 200 to 400 °C; $\pm 0,6^{\circ}\text{C}$ 400 to 600 °C
Stability	: $\pm 0,02^{\circ}\text{C}$ at 100 °C; $\pm 0,03^{\circ}\text{C}$ at 300 °C; $\pm 0,05^{\circ}\text{C}$ at 600 °C
Uniformity	: $\pm 0,05^{\circ}\text{C}$ (between sensors)
Controller operation	: see reverse side
Heating time	: approx. 30 minutes
Cooling	: via built-in cooling fan
Insertion length	: 152 mm
Test well	: five 6,4 mm holes and four 19,05 mm holes for inserts as mentioned on rear page
Inserts	: four inserts are supplied as standard with holes for sensors with o.d. of 3,2 mm, 4,8 mm, 6,4 mm and 12,7 mm
Usage position	: vertical
Enclosure	: rugged aluminium
Dimensions	: 318 x 203 x 267 mm (H x W x D)
Power supply	: 220 V AC $\pm 15\%$ (unless otherwise specified)
Weight	: 10,5 kg

Ordering code:

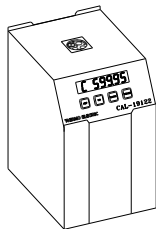
CAL - 19122 - communications

RS = with RS 232 serial comm.
IE = with IEEE-488 comm.

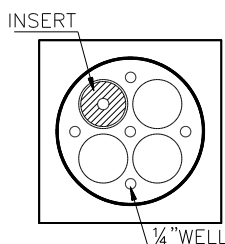
DRY WELL CALIBRATOR

high capacity, 35 °C to 600 °C

Dimensions (in mm):



318 x 267 x 203 mm



Technical:

Controller operation : well temperature, reset cut-out, temperature set point, temperature hold mode, ramp and soak programs, secondary menu, heater power, proportional band, cut-out, temperature display hold, controller configuration, probe parameters menu, operating parameters, serial interface parameters, IEEE-488 parameters, calibration parameters

Options:

- 19,05 mm outside diameter inserts. User specified insert. The standard size is machined larger than the given probe diameter to allow proper fitting. However when ordering custom inserts you must specify the exact diameter of your element. Holes will be drilled according list:

IMPERIAL		METRIC	
Probe size (")	Hole size (mm)	Probe size (mm)	Hole size (mm)
1/16	1,9	3,5	3,7
1/8	3,5	4,8	5,0
3/16	5,0	5,0	5,2
1/4	6,6	5,2	5,5
5/16	8,2	6,0	6,3
3/8	9,8	6,5	6,8
7/16	11,6	7,0	7,4
1/2	13,1	7,8	8,1
9/16	14,7	8,0	8,3
5/8	16,3	8,5	8,8
11/16	17,9	9,5	9,8
		12,7	13,0
		17,0	17,5

- large test well (instead of the 9-hole block) a 43 mm o.d. and 152 mm deep hole can be supplied
- ° F unit (68 °F to 1112 °F) with 0,01°F resolution.
- IEEE 488 interface for computer controlled operation.
- Individual sensor calibration system, the CAL-9931, for thermocouples and RTD certification.
- RVA calibration instead of TE standard calibration

Accessories:

CAL-3187 : insert without holes (19,05 mm o.d., blank)
CAL-3190 / ... : insert with dimensions to be specified out of list above
CAL-3191 : extremely durable carrying case, ideal for transport, when recalibration is required