

Therma D81 and D85



The Therma D81 and D85 digital thermometer offers high accuracy with excellent long term stability. The large, 3½-digit digital LED display offers a wide temperature measurement range with clear indication of readings and a choice of 0.1°C or 1°C resolution. The digital thermometers are housed in a 48 x 96mm DIN size, glass-filled plastic case with a minimal 88mm behind the panel space requirement.

Both digital thermometers are available for 230 volt AC, 115 volt AC or 12 to 30 volt AC/DC supply. All connections are made via rear plug and socket screw terminals.

specification	Therma D81	Therma D85
range	-49.9 to +199.9°C	-150 to +650°C
resolution	0.1°C	1°C
accuracy	±0.4°C ±1 digit	±0.3% ±1 digit
power supply	230/115v AC/12 to 30v DC	230/115v AC/12 to 30v DC
power rating	50/60 Hz, 3VA	50/60 Hz, 3VA
sensor type	PT100 (3-wire)	PT100 (3-wire)
display	13mm LED	13mm LED
dimensions	48 x 96 x 88mm, 45 x 92mm cut out	48 x 96 x 88mm, 45 x 92mm cut out
weight	310 grams	310 grams

a traceable certificate of calibration is included with each instrument



Thermometer selector switch - the Therma SP panel thermometer selector switch units are housed in a standard DIN case (48 x 96mm). The panel thermometer selector switch may be used to extend the measurement capabilities of the Therma D41 and D45 thermometers, allowing either up to 6 or up to 12 thermocouple sensors to be coupled to a single panel thermometer.

All connections are made via rear plug and socket screw terminals. Each selector switch is supplied with one metre of PVC cable.



PT100 platinum resistance probes

Thermometers are only part of the system, of equal importance is the design of the temperature probes used to physically measure the item. We offer a range of type K or J thermocouple probes and PT100 (RTD) probes to compliment our range of mains-powered panel and wall mounted thermometers

Choose the ones that suit your needs from many options including:

- high temperature probes
- air probes
- surface probes
- submersible probes
- mixer probes
- mineral insulated probes
- wall/bulkhead probes
- fabricated probes
- probes with IDF fitting
- heavy duty probes

For further information please contact

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