

Dostmann D755-PT

2-Channel Unit

-200/420°C Supplied with (1 or 2) 12" Pt-100 sensor(s)

Accuracy: $\pm 0.03^\circ\text{C}$ from -50°C to 199.99°C

Resolution: 0.01°

The universally applicable process-controlled hand-held instruments, Series P700, are ideal for measuring operations in which high accuracy counts or the possibility of online documentation is demanded.

Application:

- For taking measurements for quality assurance under ISO 9000
- As a reference instrument for checking production
- For taking comparison measurements in service and repair
- Long-period monitoring of temperature with online documentation

Features:

- USB interface
- Optional DE-Graph Windows Software for graphic and tabular documentation
- High measuring accuracy
- Integrated calibration function for simple compensation of sensor tolerances
- Physical 1-point, 2-point or 3-point calibration function
- Recording maximum, minimum, hold and average values
- Integrated sensor holder for one hand operation
- Simultaneous display of two measured values
- Differential temperature display



Cat No	Description
D755.1.3110	DOSTMANN model P 755-PT digital thermometer, range -200/420C, with (1) 12" sensors, calibrated with ISO 17025, NIST traceable calibration report @ -20, 0, 50, 100 & 150C
D755.2.3110	DOSTMANN model P 755-PT digital thermometer, range -200/420C, with (2) 12" sensors, calibrated with ISO 17025, NIST traceable calibration report @ -20, 0, 50, 100 & 150C
D650-PT-Software	Logging software and cable for Dostmann digital thermometers
D5600-0070	AC Adapter for series D700

Inputs	2-channel, Pt100
Pt100	-200°C...+420°C
Accuracy	$\pm 0,05^\circ\text{C}$ from -200°C ... -50.0°C $\pm 0,03^\circ\text{C}$ from -50°C ... $+199,99^\circ\text{C}$ otherwise 0,05 % of reading above 200°C to 300°
Connectors	DIN 8-pole
Working temperature	0°C ... $+40^\circ\text{C}$
Display	2-line LCD
Housing	plastic
Dimensions	200 x 85 x 40 mm (LxBxH)
Weight	300 g
Power supply	9 V battery
Batterie life	appr. 20 h