Sefram DAS220 10-channel multichannel recorder

Universal 10-channel portable recorder, 10-inch touchscreen
Tension, thermocouples, Pt100, 16 bits, 32 Go



KEY FEATURES

- Multichannel surveillance
- Autonomous recording
- Connected

Description

The Sefram DAS220 is a universal 10-channel portable recorder designed for all process applications: voltage, 0...10 V sensor signals, thermocouples, Pt100 and Pt1000, resistance, counting and frequency. The large 10-inch touchscreen displays curves and values in real time.

Multichannel surveillance

Ten 16-bit analog inputs, twelve logic inputs and four counting or frequency inputs cover most measurement campaigns. Current measurement 4...20 mA is performed with an external shunt.

Autonomous recording

The data is stored on 32 GB of internal storage or on a USB key and operated using the supplied DasLab software. The DAS220BAT version operates for up to 15 hours on battery power.

Connected

The Ethernet port, the optional Wi-Fi, and the remote display allow you to monitor a measurement without being there in person.

Typical applications

- Temperature mapping of furnaces and kilns
- Monitoring of machines and processes
- Laboratory tests and R&D
- Validation of climatic chambers

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Technical specifications

Analogous paths	10 universal
Screen	Tactile 10, 1024 x 600
Tension	Calibrations ±0.5 mV to ±100 V, accuracy 0.1 % PE
Thermocouples	J, K, T, E, R, S, B, N, C, L
Pt100/Pt1000	2 and 3 wires, -200 to 850 °C
Resolution	16 bits
Sampling	Up to 1 ms
Logical entries	12 logical operations + 4 counting/frequency
Out of the blue	4
Memory	32 GB internal storage, USB key
Interfaces	2 x USB, Ethernet, Wi-Fi available as an option
Battery	BAT versions: until 15 h
Dimensions	298 x 176 x 66 mm

Technical advice and quote

DYNATIME SA distributes this product in Switzerland from Marin (NE). Our team helps you choose the right version for your application and sends you a quote quickly.
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