

**Aumictech**

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Data Sheet

August 2, 2026

IOTECH TEMPSCAN

IOtech TempScan 1000

IOtech TempScan 1000 – High-Speed Temperature Scanning Instrument The TempScan 1000 (TempScan/1000 / TempScan/1000A) provides a high-speed temperature and process-signal measurement chassis in the IOtech TempScan family, accepting thermocouple, voltage, and RTD scanning modules and expanding via Exp/10-class slave chassis for large channel-count temperature acquisition over IEEE 488. Multi-channel thermocouple and RTD temperature logging; high-speed process temperature monitoring with Exp/10 expansion chassis; GPIB (IEEE 488) based automated temperature DAQ; laboratory and industrial test-article thermal instrumentation with channel capacities approaching the TempScan family's 992-channel class when fully expanded. The TempScan 1000 (TempScan/1000 / TempScan/1000A) provides a high-speed temperature and process-signal measurement chassis in the IOtech TempScan family, accepting thermocouple, voltage, and RTD scanning modules and expanding via Exp/10-class slave chassis for large channel-count temperature acquisition over IEEE 488. Multi-channel thermocouple and RTD temperature logging; high-speed process temperature monitoring with Exp/10 expansion chassis; GPIB (IEEE 488) based automated temperature DAQ; laboratory and industrial test-article thermal instrumentation with channel capacities approaching the TempScan family's 992-channel class when fully expanded.

No photo

MODEL

**IOtech TempScan
1000**

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

1000

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

Features & description

From manufacturer datasheet

Features

- High-speed TempScan family master chassis (TempScan/1000 / TempScan/1000A) • Thermocouple, voltage, and RTD scanning-card support (TempTC/32A, TempV/32A, TempRTD/16A class for 1000A) • Expansion via Exp/10 / EXP10 slave chassis daisy-chain • IEEE 488 (GPIB) host interface (typical TempScan deployment) • Large expanded channel capacity (TempScan/1000A documented to 992-channel class) • Predecessor/companion to TempScan/1100 in the same product family

1000 Characteristics / Specifications

PARAMETER	VALUE
IOtech TempScan 10	High-Speed Temperature Scanning Instrument Overview The TempScan 1000 (TempScan/1000 / TempScan/1000A) provides a high-speed temperature and process-signal measurement chassis in the IOtech TempScan family, accepting thermocouple, voltage, and RTD scanning modules and expanding via Exp/10-class slave chassis for large channel-count temperature acquisition over IEEE 488.
Model	TempScan 1000 (TempScan/1000, TempScan/1000A)
Manufacturer	IOtech
Instrument Type	High-Speed Temperature / Process Signal Scanning Chassis
Family	TempScan
Scanning Cards (1000A class)	TempTC/32A, TempV/32A, TempRTD/16A
Expansion	Exp/10 / EXP10 expansion chassis
Expanded Channel Capacity	up to 992-channel class (TempScan/1000A documentation)
Host Interface	IEEE 488 (GPIB) typical
Related Successor	TempScan/1100 (TempTC/32B, TempV/32B, TempRTD/16B)
Alias	TempScan1000, TempScan/1000, TempScan/1000A Standard Operating Conditions Install compatible scanning modules for the 1000/1000A card generation (A-series vs later B-series for 1100). Daisy-chain Exp/10 expansion units and set IEEE 488 address before acquisition. Observe thermocouple lead length and scan-rate trade-offs documented for the TempScan family.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

Specifications

PARAMETER	VALUE
Model	TempScan 1000 (TempScan/1000, TempScan/1000A)
Manufacturer	IOtech
Instrument Type	High-Speed Temperature / Process Signal Scanning Chassis
Family	TempScan
Scanning Cards (1000A class)	TempTC/32A, TempV/32A, TempRTD/16A
Expansion	Exp/10 / EXP10 expansion chassis
Expanded Channel Capacity	up to 992-channel class (TempScan/1000A documentation)
Host Interface	IEEE 488 (GPIB) typical
Related Successor	TempScan/1100 (TempTC/32B, TempV/32B, TempRTD/16B)
Alias	TempScan1000, TempScan/1000, TempScan/1000A

Standard Operating Conditions

Install compatible scanning modules for the 1000/1000A card generation (A-series vs later B-series for 1100). Daisy-chain Exp/10 expansion units and set IEEE 488 address before acquisition. Observe thermocouple lead length and scan-rate trade-offs documented for the TempScan family.

Operational Notes

Inventory labels may read TempScan 1000, TempScan/1000, or TempScan/1000A-same family lineage as TempScan/1100 but with A-series scanning cards. Do not assume TempScan/1100 B-series module interchangeability without confirming chassis generation. Alias TempScan1000.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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<https://aumictechlabs.com>

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.