

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 2, 2026

ADVANTEST

Advantest R7430 Data Logger

The Advantest R7430 is a modular multi-channel data logger designed for high-channel-count DC voltage and thermocouple-class measurements with screw-terminal inputs, CRT display, thermal printer, and GPIB remote control. Production and laboratory multi-point DC voltage logging; temperature scanning with thermocouple-class input modules; printed hard-copy trending on integrated thermal printer; automated data acquisition over GPIB in rack systems. Channel Capacity: 30 channels (R7430A / R74301A); 60 channels (R7430B / R74301B) Display Resolution: approximately 5½-digit (max display approximately 549999) Scan Rate: up to approximately 300 readings/s class Measurement Types: DC voltage; thermocouple-class measurement headers in data stream

No photo

MODEL

Advantest R7430

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

R7430

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

- Modular multi-channel data logger architecture • R7430A: one measurement unit (30 channels) • R7430B: two measurement units (60 channels) • External terminal models R74301A/B with similar channel counts • Display resolution approximately 5½-digit class (maximum display approximately 549999) • Scan rate up to approximately 300 readings/s class • Screw-terminal field wiring • CRT display for setup and live readings • Built-in thermal printer • GPIB interface • Measures DC voltage; thermocouple-class headers supported in data stream • AC mains 100 V or 200 V factory-set versions
- Settings memory retained by internal battery

R7430 Characteristics / Specifications

PARAMETER	VALUE
Model	R7430 (R7430A / R7430B; R74301A / R74301B external terminal variants)
Manufacturer	Advantest
Instrument Type	Modular Data Logger
Alias	R7430
Channel Capacity	30 channels (R7430A / R74301A); 60 channels (R7430B / R74301B)
Display Resolution	approximately 5½-digit (max display approximately 549999)
Scan Rate	up to approximately 300 readings/s class
Input Termination	Screw terminals
Display	CRT
Printer	Thermal printer integrated
Remote Interface	GPIB
Measurement Types	DC voltage; thermocouple-class measurement headers in data stream
Mains	100 V or 200 V AC factory-set configuration
Memory Backup	Battery-backed settings memory Standard Operating Conditions Confirm factory mains voltage setting (100 V or 200 V) before installation. Configure channel lists and scan rate within module and system limits. Replace or maintain memory backup battery per Advantest service guidance to preserve stored setups.
R7430A	one measurement unit (30 channels)
R7430B	two measurement units (60 channels)

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

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Model	R7430 (R7430A / R7430B; R74301A / R74301B external terminal variants)
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Display Resolution	approximately 5½-digit (max display approximately 549999)
Scan Rate	up to approximately 300 readings/s class
Input Termination	Screw terminals
Display	CRT
Printer	Thermal printer integrated
Remote Interface	GPIO
Measurement Types	DC voltage; thermocouple-class measurement headers in data stream
Mains	100 V or 200 V AC factory-set configuration
Memory Backup	Battery-backed settings memory

Standard Operating Conditions

Confirm factory mains voltage setting (100 V or 200 V) before installation. Configure channel lists and scan rate within module and system limits. Replace or maintain memory backup battery per Advantest service guidance to preserve stored setups.

Operational Notes

English-language OEM documentation for R7430 is limited—verify channel count variant (A vs B, internal vs R74301 external terminal) on faceplate before specifying spare modules. Do not infer accuracy from display digit count alone; refer to Advantest R7430 architecture documentation. Alias R7430 (hyphenless) appears in inventory systems.

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