

**Aumictech**

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Data Sheet

August 13, 2026

ADVANTEST

Advantest R7430A/R7430B " Data logger

Advantest R7430A/R7430B – Data logger, Versatile data logger units capable of multi-channel input and long-term measurement logging in lab or industrial settings.



MODEL

**Advantest
R7430A/R7430B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

R7430A/R7430B

LISTING

<https://aumictechlabs.com/products/r7430a-r7430b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Advantest R7430A/R7430B is a multi-channel data logger engineered for long-term measurement recording and analysis across laboratory and industrial environments. This unit captures and logs data from diverse signal types, delivering high-speed sampling and real-time visualization capabilities. Field-proven for research and monitoring applications, it combines versatile input architecture with user-accessible operation and measurement accuracy.

Technical Specifications

- Multi-channel input architecture for simultaneous signal acquisition
- High-speed data sampling and recording capabilities
- Real-time data visualization and analysis functionality
- Versatile input options accommodating various signal types
- Operating weight: approximately 25 lbs

Key Features

- Data logging and recording for extended monitoring campaigns
- Real-time analysis support enabling immediate data assessment
- Broad environmental compatibility spanning laboratory and industrial deployment
- Parameter initialization procedure accessible via [EXEC] and [?] key sequences post power-on

Typical Applications

- General data acquisition in research environments
- Long-term industrial process monitoring and logging
- Multi-signal

measurement recording and analysis Real-time data collection for ongoing surveillance operations Compatibility & Integration The R7430A/R7430B is a discontinued product. Operating documentation is available through the Advantest official website. Users should be aware that parameter initialization procedures erase all stored data including calibration data, requiring subsequent re-calibration.

Features & description

From manufacturer datasheet

Features

- R7430A 30 channels; R7430B 60 channels

Applications

- Multi-point DC voltage and temperature logging

R7430AR7430B Characteristics / Specifications

PARAMETER	VALUE
Model	R7430A / R7430B
Manufacturer	Advantest
Instrument Type	Multi Channel Data Logger
Alias	R7430; R7430A; R7430B; Advantest R7430
R7430A measurement units	1
R7430A input channels	30
R7430B measurement units	2
R7430B input channels	60
External terminal R74301A channels	30
External terminal R74301B channels	60
Input signal types	thermocouple; RTD; DC voltage; contacts
Scan speed listing	60 points/s
Maximum display	549999
Thermal printer	digital and analog mixed recording
Display	CRT
Remote interface	GPIB
Maximum family scan class	300 points/s
Expansion link medium	optical fiber digital transmission
Expansion distance maximum	1 km
Form	benchtop/rack data logger with separable terminals
Mains	factory set 100 V or 200 V class AC
Memory backup	battery backed settings
Data stream headers class	DC TC BT OL ER FL
Channel numbering	unit number plus channel number
Related expansion models	R74301A; R74301B

PARAMETER	VALUE
Primary industries	production laboratory plant logging
Printer type	thermal
Weight class with printer CRT	multi kilogram benchtop instrument Notes Channel counts and input types from Advantest R7430A/B and TechEyesOnline listings; expansion fiber distance and 300 points/s class from R7430 series descriptions. ConfirmAvsBunit count, mains voltage, and R74301 external terminals on the system.

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	
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Manufacturer	Advantest
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Specifications	
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R7430B measurement units	2
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Specifications	
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Notes

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

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.