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Data Sheet

August 2, 2026

ASTRO

Astro-Med Dash 4U Field Data Acquisition System

Astro-Med Dash 4U Field Data Acquisition System The Astro-Med Dash 4U (Dash4U) is a portable field data acquisition system and chart recorder in the Dash IV / Dash 4U family, providing four universal input channels plus two real-time calculating channels. It accepts isolated single-ended, differential, and high-voltage inputs from thermocouples, RTDs, DC bridges, and frequency-to-voltage conversions without external signal conditioning on listed configurations. A 10.4-inch color LCD provides real-time viewing; internal storage includes a 4 GB hard drive class and a 100 MB removable Zip drive for transfer and archive. Sample rate is up to about 50 kHz per channel on dealer listings (about 5 kHz cited in early product announcements—confirm firmware/display for exact limit). Uninterruptible power supply and rugged portable enclosure support field use. AstroSET Windows-based software supports setup and PC review. Faceplate may read Dash 4U or Dash IV—confirm model marking. The Astro-Med Dash 4U (Dash4U) is a portable field data acquisition system and chart recorder in the Dash IV / Dash 4U family, providing four universal input channels plus two real-time calculating channels. It accepts isolated single-ended, differential, and high-voltage inputs from thermocouples, RTDs, DC bridges, and frequency-to-voltage conversions without external signal conditioning on listed configurations. A

No photo

MODEL

Astro Dash

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

Dash

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

- Portable 4-channel field DAQ / chart recorder (Dash IV / Dash 4U)
- Four universal inputs plus two math/calculating channels
- 10.4-inch color active LCD
- Isolated SE, differential, and HV input classes
- Thermocouple, RTD, DC bridge, F-V inputs (family)
- Internal 4 GB hard drive; 100 MB Zip drive
- Real-time display and triggered capture
- Uninterruptible power supply (family)
- Windows AstroSET software for setup and analysis
- Rugged portable case (under about 22 lb class)

DASH Characteristics / Specifications

PARAMETER	VALUE
Model	Dash 4U (Dash4U; Dash IV family)
Manufacturer	Astro-Med / AstroNova
Instrument Type	Portable field data acquisition / chart recorder
Channels	4 universal analog inputs; 2 real-time calculating channels
Display	10.4-inch color active LCD
Sample Rate	up to about 50 kHz per channel (dealer listings); verify against unit firmware
Storage	internal about 4 GB hard drive; 100 MB Zip removable drive
Inputs	isolated voltage; thermocouple; RTD; DC bridge; high-voltage class; F-V
Trigger	auto-trigger; level; form; system setup options
Power	about 85–220 VAC auto-sensing (family)
Weight	under about 22 lb (portable field class)
Software	AstroSET (Windows 95/98/NT era class) Standard Operating Conditions Configure sample rate, record size, trigger window, and channel selection before arming capture. Verify free hard-drive space for long records. Select grounding and input type per signal source.
Confirm Dash 4U vs Dash IV faceplate and firmware version	sample-rate limits and display features vary by generation. Zip media and Windows host software are legacy; plan modern archive paths via exported files where needed.

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	Dash 4U (Dash4U; Dash IV family)
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Instrument Type	Portable field data acquisition / chart recorder
Channels	4 universal analog inputs; 2 real-time calculating channels
Display	10.4-inch color active LCD
Sample Rate	up to about 50 kHz per channel (dealer listings); verify against unit firmware
Storage	internal about 4 GB hard drive; 100 MB Zip removable drive
Inputs	isolated voltage; thermocouple; RTD; DC bridge; high-voltage class; F-V
Trigger	auto-trigger; level; form; system setup options
Power	about 85-220 VAC auto-sensing (family)
Weight	under about 22 lb (portable field class)
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Standard Operating Conditions

Configure sample rate, record size, trigger window, and channel selection before arming capture. Verify free hard-drive space for long records. Select grounding and input type per signal source.

Operational Notes

Confirm Dash 4U vs Dash IV faceplate and firmware version-sample-rate limits and display features vary by generation. Zip media and Windows host software are legacy; plan modern archive paths via exported files where needed.

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.