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Data Sheet

August 2, 2026

ASTRO

Astro-Med Dash 8 Field Data Acquisition Recorder

Astro-Med Dash 8 Field Data Acquisition Recorder The Astro-Med Dash 8 is a portable field data acquisition and chart recording platform for multi-channel voltage and related signals. The Dash 8 family provides eight measurement channels with real-time display, thermal chart printout, and hard-disk capture for later review. Classic Dash 8 units are rugged portable recorders used in industrial, vehicle, and process troubleshooting. Later Dash 8n (isolated) and Dash 8u (universal input) variants add color monitoring, Ethernet transfer, and broader input conditioning (thermocouple, DC bridge, optional RTD/HV/F-V modules on 8u). Confirm the exact faceplate model (Dash 8 / 8n / 8u / 8Xe) for channel bandwidth and sample-rate limits. The Astro-Med Dash 8 is a portable field data acquisition and chart recording platform for multi-channel voltage and related signals. The Dash 8 family provides eight measurement channels with real-time display, thermal chart printout, and hard-disk capture for later review. Classic Dash 8 units are rugged portable recorders used in industrial, vehicle, and process troubleshooting. Later Dash 8n (isolated) and Dash 8u (universal input) variants add color monitoring, Ethernet transfer, and broader input conditioning (thermocouple, DC bridge, optional RTD/HV/F-V modules on 8u). Confirm the exact faceplate model (Dash 8 / 8n / 8u / 8Xe) for channel bandwidth and

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

- Eight-channel portable field recorder / data acquisition system
- Real-time display plus integral thermal chart print capability (family)
- Internal hard drive capture for extended recording
- User-selectable channel count / chart format modes
- Classic Dash 8: DC to about 25 kHz bandwidth class; high chart resolution
- Dash 8n/8u class: color monitor; ~20 kHz per channel sample; Ethernet transfer
- Dash 8u: universal inputs (voltage, TC, DC bridge) with optional modules
- Rugged portable enclosure for field use
- PC review/analysis software (family offerings)

DASH Characteristics / Specifications

PARAMETER	VALUE
Model	Dash 8 (family includes Dash 8n, Dash 8u, related Dash 8 field recorders)
Manufacturer	Astro-Med (AstroNova)
Instrument Type	Portable multi-channel field data acquisition / chart recorder
Channels	8 (user-selectable fewer-channel display modes on classic units)
Classic Bandwidth / Sample	about DC–25 kHz; up to about 250 kHz max sample per channel (classic dealer listings)
Dash 8n/8u Sample	about 20,000 samples/s per channel (16-bit A/D class)
Chart	high-resolution thermal chart; speeds from very slow to 100 mm/s class (8n/8u datasheet)
Inputs	model-dependent – isolated voltage (8n) or universal (8u); classic voltage ranges to hundreds of volts peak class
Storage	internal hard drive (capacity varies by generation: GB-class)
Power	typically universal AC line (e.g., 90–250 VAC class on 8n/8u)
Weight	portable class (under ~20 lb on some 8n/8u listings; heavier with battery on classic) Standard Operating Conditions Select input ranging and grounding appropriate to the signal and model (isolated vs universal). Verify paper type and chart speed for real-time print. For long captures, confirm free hard-drive space and cooling in the field environment.
Classic Dash 8	DC to about 25 kHz bandwidth class; high chart resolution
Dash 8n/8u class	color monitor; ~20 kHz per channel sample; Ethernet transfer
Dash 8u	universal inputs (voltage, TC, DC bridge) with optional modules
Bandwidth	and sample-rate limits.

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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Standard Operating Conditions

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Operational Notes

“Dash 8” spans multiple generations. Match OEM content and connectors to the exact serial/faceplate (Dash 8 vs 8n vs 8u vs 8Xe). Do not assume 8Xe 200 kHz/channel or scope-card options unless that hardware is present.

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.