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Data Sheet

August 2, 2026

ASTRO-MED DASH

Astro-Med Dash 18X Portable Data Acquisition Recorder

Astro-Med Dash 18X Portable Data Acquisition Recorder The Astro-Med Dash 18X (Dash18X) is a portable Windows-based data acquisition recorder in the Dash 18 family, providing 18 universal input channels for voltage, thermocouple, and DC bridge measurements. Compared to the Dash 18 (15.4-inch touchscreen), the Dash 18X adds a 17-inch resistive touchscreen (1280×1024 class) for viewing and analysis. It captures waveform data, video snapshots, and audio with real-time filtering and math, records continuously to a large internal hard drive (about 73 GB class listings), and offers 10/100BaseT Ethernet plus removable optical media (DVD+R class). Sample rate is up to 100 kHz per channel with triggered capture and pre/post-trigger memory. Operating system is Windows XP class on listed units. The Astro-Med Dash 18X (Dash18X) is a portable Windows-based data acquisition recorder in the Dash 18 family, providing 18 universal input channels for voltage, thermocouple, and DC bridge measurements. Compared to the Dash 18 (15.4-inch touchscreen), the Dash 18X adds a 17-inch resistive touchscreen (1280×1024 class) for viewing and analysis. It captures waveform data, video snapshots, and audio with real-time filtering and math, records continuously to a large internal hard drive (about 73 GB class listings), and offers 10/100BaseT Ethernet plus removable optical media (DVD+R class). Sample rate is up to

No photo

MODEL Astro-Med Dash 18X	CALIBRATION N/A — off-catalog OEM datasheet
CONDITION See OEM documentation	STATUS Not listed on Aumictech inventory
RFQ / SKU 18X	LISTING Off-catalog — OEM datasheet only

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- 18 universal channels (voltage / thermocouple / bridge)
- 17-inch resistive touchscreen (vs 15.4-inch Dash 18)
- Waveform, video snapshot, and audio capture
- Real-time filtering and math functions
- 100 kHz sample rate per channel (max)
- Large internal HDD (about 73 GB class)
- 10/100BaseT Ethernet
- Triggered capture with pre/post-trigger (0–99%)
- Windows XP class OS; AstroSET / family PC software
- Related: Dash 18 (15.4-inch display)

18X Characteristics / Specifications

PARAMETER	VALUE
Model	Dash 18X (Dash18X)
Manufacturer	Astro-Med / AstroNova
Instrument Type	Portable multi-channel data acquisition recorder
Channels	18 universal inputs (3 analog boards × 6 channels class)
Display	17.0-inch active matrix color LCD (TFT); 1280×1024; resistive touchscreen
Sample Rate	up to 100 kHz per channel
Storage	internal hard drive about 73 GB class; DVD+R drive class
Interfaces	Ethernet 10/100BaseT; USB 1.1; VGA external monitor
Inputs	differential voltage; thermocouple (J, K, T, E, N class); DC bridge; frequency measurement class
Processing	real-time signal processing and math channels
Operating System	Windows XP (listed configurations)
Weight	portable class (about 40 lb on some listings) Standard Operating Conditions Select input modules and signal conditioning appropriate to each channel type. Verify free disk space before long captures. Use rated AC mains input (auto-sensing class on family units).
Related	Dash 18 (15.4-inch display)

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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Operational Notes	
Dash 18X vs Dash 18 is primarily the 17-inch vs 15.4-inch display difference in the same product generation. Confirm installed optional modules (DVD, signal conditioner boards) from the configuration label. Product is discontinued; support spare parts and media compatibility when deploying in the field.	

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<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.