

TEST & MEASUREMENT PRODUCTS

Astro-Med is a world leader in the data acquisition and recording market and has been developing and manufacturing recording systems since 1969. The Astro-Med Test & Measurement Product Group designs and manufactures data acquisition instruments and supplies for the aerospace, automotive/transportation, defense, medical, metal mill, pulp and paper mill, transportation, and general industrial markets.



DASH[®] MX Portable Data Acquisition System



- Up to 16 channels
- Sample rates up to 1 MHz per channel
- Dedicated 160 GByte data capture hard drive
- 12" color touch-screen user interface
- Easy to set up & use
- Pre- & post-trigger capability
- Low pass, high pass, band pass, band stop, RMS filtering
- Internal rechargeable battery
- Weight: 20 lbs

Signal Input Modules include:

- Standard Voltage module—measures up to 250 Vrms
- High Voltage module—measures up to 1000 Vrms
- Non-Isolated Differential Voltage module
- Universal Input module
- Thermocouple module
- DC Bridge module
- ICP/IEPE Sensor module

TMX[®] High Speed Data Acquisition System



- Expandable up to 96 channels
- 17" LCD high-resolution touch-screen display
- Dedicated 1 TByte removable data capture hard drive
- 800 kHz sample rate per channel
- 100 kHz bandwidth (module dependent)
- Multiple sample rates
- High speed video (optional)
- IRIG with GPS (optional)
- Portable or rackmount

Signal Input Modules options include:

- 6-Channel Universal Module Voltage (accepts up to 250 Vrms) and DC Bridge
- 6-Channel High Voltage Module (accepts up to 600 Vrms)
- 6-Channel DC Bridge Module, isolated
- 6-Channel Isolated Piezoelectric Sensor Module (for ICP[®] and IEPE type sensors)
- 16-Channel Digital I/O, Analog Output, Counter and Relay Module
- 16-Channel Non-isolated Differential Voltage Module (accepts up to 35 Vrms)
- 12-Channel Thermocouple Module
- 12-Channel RTD Module supports direct connections of Pt 100 RTD



TMX-18 High Speed Data Acquisition System

- Replaces the Dash 18X with improved performance and many new features
- Includes 18 Channels of Isolated Voltage (250 Vrms) & DC Bridge Inputs
- 17" LCD high-resolution touch-screen display
- Dedicated 1 TByte removable data capture hard drive
- 800 kHz sample rate per channel
- 100 kHz bandwidth (module dependent)
- Multiple sample rates
- Accepts all optional TMX accessories



TMX-R Rackmount High Speed Data Acquisition System

- TMX configured for installation in a standard 19-inch rack
- Expandable up to 96 channels
- 17" LCD high-resolution touch-screen display
- Dedicated 1 TByte removable data capture hard drive
- From 400 to 800 kHz sample rate per channel
- 100 kHz bandwidth (module dependent)
- Multiple sample rates
- High speed video (optional)
- IRIG with GPS (optional)



DASH® 8HF-HS High Frequency, High Security Recorder

- 8 channels of isolated inputs (250 Vrms)
- Capture continuously to 250 GByte hard drive at 2 MHz sample rate per channel
- 200 kHz bandwidth per channel
- GBit Ethernet, USB 2.0 for exporting data to your PC
- Link ports for synchronizing data capture between systems
- Removable, lockable system and data capture drives (compatible with AstroDock® accessory)
- Pre- and post-capture filtering
- Compact, portable design



Everest® X-HS Recorder-Workstation

The Telemetry Standard!

- Up to 32 analog or digital inputs for connection to any decomm system
- Large 18.1 inch color display for real-time data viewing
- Removable hard drive to secure data for classified missions
- Virtual Chart® efficiently stores data while saving paper
- Ethernet interface for command and control
- Intuitive touch-screen interface simplifies setup and operation
- High-resolution chart printing for clear, crisp traces
- Look-back capability for reviewing data while recording
- Ethernet, USB, smart card and CompactFlash® connections for data transfer
- Rackmount or benchtop configurations



Real-Chart NP Network Printer

- Accepts digital input signals and host control commands through Ethernet
- Prints up to 32 waveform channels in real time
- Adds wide format printing to any telemetry system
- 16.3 inch chart width
- 300 dpi resolution
- Real-time or post mission print capability
- Discrete, overlap, or custom grid formats

Astro-Med, Inc.
TEST & MEASUREMENT PRODUCT GROUP

World Headquarters

West Warwick, Rhode Island 02893 U.S.A.
Phone (401) 828-4000 • Fax (401) 822-2430
E-mail: mtgroup@astromed.com • Web Site: www.astromed.com
Toll-Free Phone (U.S.A. only): (877) 867-9783

Astro-Med is system
certified to ISO9001.

011413

ICP® is a registered trademark of PCB Group, Inc. CompactFlash® is a registered trademark of SanDisk Corporation.

FACTORY SALES & SERVICE CENTERS

CANADA • Tel. (450) 619-9973 / Fax (450) 619-9976

Toll-Free Phone (Canada only): (800) 565-2216

UNITED KINGDOM • Tel. (44) (01628) 668836 / Fax (44) (01628) 664994

FRANCE • Tel. (33) 1 34.82.09.00 / Fax (33) 1 34.82.05.71

GERMANY • Tel. (49) 06106-28368-0 / Zentrale 28368-0 / Fax (49) 06106-771121