AstroNova™ Test & Measurement

Dash 8HF-HS and Dash 8HF Specifications

Color Display	
Type	Active matrix color LCD (TFT)
Viewing Area	15.0 inch (38.1 cm) (diagonal)
Resolution	1024 x 768
Touch	Full screen, resistive
A/D Modules	
Maximum Waveforms	8
Event Inputs	8
User Engineering Units	yes
Calibration	Semi-automated to external reference
Pre and Post-capture Filter	Advanced low pass, high pass, band pass and bandstop filtering
Isolated Input Module	
Connector	Guarded banana jack
Bandwidth	200 kHz 4 pole Bessel
Max Rated Input	± 250 Vrms or DC
Max Transient Input	± 800 V
Isolation	250 Vrms, channel to channel, channel to chassis
Specified Ranges	100 mVFS to 800 VFS (0 V offset for 800 VFS range)
Attenuator Ranges	1, 10, 50, 200 and 400 V
Accuracy (25°C)	± 0.07% of attenuator
Intrinsic Noise (pk-pk)	<0.2% of attenuator + 0.05% of span
Min Input Impedance	1 Megohm

Frequency Counter	Yes, on channels 1 & 5
Frequency Accuracy	± 0.005% of measurement
Recording	
Operational Modes	Scope, Review, Realtime (strip-chart)
Recording Method	Internal ATA disk drive, removable
Maximum Sample Rate	2,000,000 samples/second per channel
Minimum Sample Rate	100 samples/second per channel
Total Capacity	Over 100 billion samples
Maximum Record	Up to the drive capacity (250 GByte)
Data Stored	Raw (unfiltered) data saved to the drive
Time Stamp	Time and Date automatically saved with data
Header	Information on units, range, sample rates, etc., saved with data
Data Filtering	Post capture filtering changes can be made
Events	Stored with data
Trigger Point	Amount of pre- and post-trigger data is user adjustable (0-100%)
Auto Re-Arm	Automatic stacking of captures
Interface	
Ethernet	10/100/1000BaseT
VGA	For displaying data on external monitor
Link Ports	For synchronizing data capture for multiple systems
USB 2.0	For connecting external hard drives, Flash Drives, etc.
Power	
Input Voltage Range	100 to 250 VAC

Frequency Range	47 Hz to 63 Hz
Power Factor	0.99
Physical	
Enclosure	Aluminum, with armored endcaps
Dimensions	12.1" H x 16.0" W x 6.6" D (30.8 cm x 40.64 cm x 16.84 cm) (not including handle)
Weight	22.5 lbs. (10.21 kg)
Environmental	
Operating Temp	5 to 40°C (40 to 105°F)
Operating Humidity	10% to 90% non condensing
Compliance	
Safety	EN 61010-1:2001, UL 61010A-1, CSA C22.2 No. 1010.1-92
EMC	FCC Part 15, Subpart B, Class A, EN 61326
Power Harmonics	IEC1000-3-2

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