



Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

*InstraView*SM REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at www.instraview.com ↗

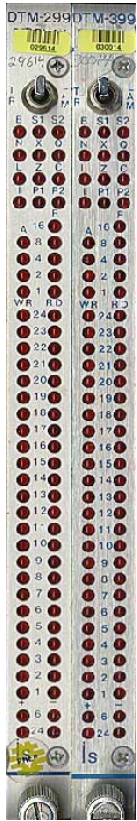
WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. www.artisanng.com/WeBuyEquipment ↗

LOOKING FOR MORE INFORMATION?

Visit us on the web at www.artisanng.com ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

Contact us: (888) 88-SOURCE | sales@artisanng.com | www.artisanng.com



MODELS DTM-299/DTM-399

FEATURES:

MODEL DTM-299 (Standard Version)

- Displays ALL dataway signal
- Both Track and Latch mode
- Manual LAM generation
- Read of previous dataway cycle
- Data and Status F, A, etc.

MODEL DTM-399 (Enhanced Version)

- Stretched display of B, S1, S2, L
- Power supply failure detection
- Ambient temperature monitor

DESCRIPTION:

This series of Dataway Test Modules is designed for use as a low-cost diagnostic, test and display aid for troubleshooting CAMAC, from both a hardware and software viewpoint. Status and dataway conditions can be seen at a glance, also computer controlled systems can run self diagnostics through to the dataway level. (Confidence factor for system programmers)!

Front panel LED indicators display the status of all dataway signals in either Latch or Track (continuous) mode. Write data, control signals, and status for the previous dataway operations may be read back for system self diagnosis. A front panel manual LAM switch is also available to test the crate and software LAM handling capability.

In addition to these features the MODEL DTM-399 includes monitoring of ambient temperature and the four standard CAMAC power supplies. Should a preset limit be exceeded by high ambient temperature, a voltage failure, current spike or power supply oscillation a LAM will be generated. The detection and logic circuitry is powered by voltage steering and any supply may fail without affecting the modules operation.

COMMANDS:

DTM-299

NA[0]F[0] Read data Q,X = 1
Reads previously Latched write data onto Dataway read linds. R1-R24

NA[0]F[1] Read status Q,X = 1
Reads previously Latched status, function code, subaddress, etc. onto Dataway read lines, plus reads position status of front panel switch.

NA[0]F[8] Test LAM X = 1
Test LAM status, Q=1 if set

NA[0]F[10] Reset LAM Q,X=1
Resets LAM request.

DTM-399 [ADDITIONAL COMMANDS]

NA[0]F[1] Read Status Q,X = 1

NA[0]F[24] Disable LAM Q,X = 1 NA[0]F[26] Enable LAM Q,X= 1

SPECIFICATIONS:

SIGNALS DISPLAYED

Latched at	S1		
Read	R(24)	Write	W(24)
Function	F(5)	Subaddress	A(4)
Stn. No.	N	0 Response	Q
P1 Bus	P1	X Response	X
P2 Bus	P2		
Latches at	S2		
Initialize	z	Clear	c
Stretched [200 MS]			
Strobe 1	s1	Strobe 2	S2
Busy	B	LAM	L

DTM-399 [ONLY]

Temperature set point range: 25-600C

Voltage set point range-

+6 = +3 to +6v +24 = +21 to +24v

-6 = -3 to -6v -24 = -21 to -24v

Continuous [Track]

+/- 6 Volts 6(2) +/-24 Volts 24(2)

inhibit 1 (1)

Power Requirements

+6V - 1.8 A Max

- 6V. +/-24V - 16 ma.

Operational Modes

LATCH - Dataway signals are latched with the appropriate strobe

TRACK - Real Time continuous display of dataway signals

Mechanical

Single width module

Minimum voltage excursion time for detection (voltage spike) = 1 usec

Reference stability = +/- .1 % 24 hours.



Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

*InstraView*SM REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at www.instraview.com ↗

WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. www.artisanng.com/WeBuyEquipment ↗

LOOKING FOR MORE INFORMATION?

Visit us on the web at www.artisanng.com ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

Contact us: (888) 88-SOURCE | sales@artisanng.com | www.artisanng.com