

VACUUM MODULE

The MTSM 500™ Modular VacuumModule comes as an integrated Rate-Of-Rise testing package contained either in 4U rack mount housing, or in a rugged case for stand-alone applications. When used in conjunction with the Modular J Mass Flow Controller and optional internal Baratron Tree (requires additional 10T and 00T XDCRs), additional testing such as throttle Valve pressure regulation, 1/2 atmosphere switch point detection, Baratron Zeroing and CrossCalibration, can be performed.

Interfacing to the modules for control and monitoring is accomplished via DeviceNet interface.

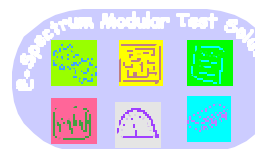
For stand alone operation, all that is required is a P C/Laptop with a DeviceNet Scanner card and a 24Vdc power source used for powering the DeviceNet Bus.

Software modules and GUIs for manually performing tests are also included.

Vacuum Test Module Model MTSM 500™

- ✓ Modular Design contained within 4U 19" rack mount chassis.
- ✓ Standard plumbing used for ROR testing.
- ✓ AMATSPI Interface for controlling vacuum pumps.
- ✓ Internal XDCRs for monitoring UUT vacuum levels.
- ✓ Internal CDA regulator w/ manual adjust.
- ✓ Simple DeviceNet Interface to controller Scanner Card.
- ✓ Configurable Vacuum Interface (NW-25 Standard).
- ✓ VCR inlet for N2.
- ✓ 1/4 " Push On Inlet for CDA.
- ✓ Front Panel Vacuum Display
- ✓ Software GUI and modules provided for use as part of test fixture SelfTest, or stand-alone testing

Power Requirements:
Powered DeviceNet Interface (Minifast)
Facilities Requirements:
Vacuum Pump
CDA-80psi
N2 40psii



E-Spectrum Technologies
www.espectech.com
1 888 558 8244