

Technical specifications OTM-X

RECORDING CHARACTERISTICS

Sampling frequency: 38Hz to 100 kHz
Sampling time: 10 microseconds (μ s) to 26 milliseconds (ms)
Recording time: 10 milliseconds (ms) to 30 minutes
A/D conversion: 16 bits
Local storage capacity: 64GB/200GB

EXTERNAL TRIGGER CAPABILITY

Works with any analog input
AC or DC signals
Rising or falling edges
Works in noisy environments

MULTIFUNCTION ANALOG INPUTS (16 bits)

Number available: 5
Resolution: 16 bits A/D conversion
Frequency: DC to 200 kHz
Accuracy: +/- 0.3 mV

3 analog inputs with input Voltage: +/- 10 V AC (compatible with all transducers types)
1 analog input for temperature (4-20mA)
1 analog input for position (4-20mA)

ACCELEROMETER INPUTS

Number available: 3
Accelerometer type: ICP
Resolution: 16 bits A/D converter
Frequency: 1 to 20 000 Hz
Signal to noise ratio: better than 80 dB

COMMAND OUTPUTS

Number available: 2
Type: solid state, optoisolated
Voltage: 0-200 VDC
Maximum load current: 3.5 Amps
Turn-on time: 75 μ s maximum
Turn-off time: 750 μ s maximum
Can be independently turned on and off

REMOTE ACCESS

Uninterrupted control over data, test plans, programs, etc.
Able to perform remotely controlled tests
Data is easily accessed via your network
Completely automated scheduled tasks.

Zensol

ETHERNET PORT

Bandwidth: 10/100 Mb/s

Remote control and recovery of data

USB PORT

Bandwidth: 12/480 MB/s

OPTIONAL ACCESSORIES

Accelerometers

Current probes

Local memory expansion

USB memory card

USB Bluetooth module

USB Wi-Fi module

BNC to 10-32 cables

BNC to BNC extensions (25 and 50 feet)

Cable reel with four extensions of 50 feet

Accelerometer mounting bases

Glue

Watertight case

GENERAL

Rack Mount version

Size: 19" x 3.5" x 18" (48.2 x 8.8 x 45.7 cm)

Weight: 13.2 lb (6 kg)

Portable version

Size: 17" x 16.5" x 10" (43 x 42 x 25.4 cm)

Weight: 25.3 lb (11.5 kg)

Power supply: 100-240V AC (50/60 Hz)

Operating temperature range: 0°C à 50°C (32°F à 122°F)

Storage temperature range: -20°C à 70°C (-4°F à 158°F)