

Technical specifications TAP-4

MEASUREMENT SPECIFICATIONS

Sampling frequency: 100 kHz
Sampling time: 10 microseconds (μ s)
Recording time: Unlimited
Accuracy: +/- 1 mV
Signal to noise ratio: better than 80 dB

Instant data transfer to PC via USB link.

Self-diagnostic function for AC clamp.
Self-diagnostic function for accelerometers.

The OpenZen software gives complete control over the system.

3 ACCELEROMETER INPUTS

Accelerometer type: ICP
Sensitivity: 100 mV/g
Range: \pm 50g
Frequency range: 1 to 20 000 Hz
Drive current: 4 to 20 mA

1 ANALOG INPUT

Resolution: 16 bits conversion
Voltage range: +/- 10 V
Frequency range: DC to 200 kHz
Signal to noise ratio: better than 80 dB

GENERAL

Size: 12.9" x 13.7" x 7" (33 x 35 x 18 cm)
Weight: 15.43 lb (7 kg)
Power supply: 100-240V AC (50/60 Hz)
Operating temperature range: 0°C to 50°C (32°F to 122°F)
Storage temperature range: -20°C to 70°C (-4°F to 158°F)

STRONG

Able to sustain shocks and falls without damage
Case made of reinforced polyethylene with molded reinforcements for maximum protection
No fragile components such as integrated printers, screens, or keyboards.

Zensol

THE SYSTEM INCLUDES

- OpenZen software
- Complete set of manuals
- Calibration certificate and test reports
- USB cable
- Ground cable
- Power cable
- 2 years warranty

OPTIONAL ACCESSORIES

- Accelerometer and AC or AC/DC current clamp
- Accelerometer cable (10-32 to BNC)
- BNC to BNC cables (10 to 50 feet)
- BNC-BNC extensions
- Carrying cases for accessories
- Accelerometer mounting bases
- Glue