

Technical specifications TAP-4-PLUS

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

3 ANALOG INPUTS

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

1 analog input usually reserved for AC/DC motor current
2 analog inputs usually reserved for dynamic resistance testing with the accessory TAP-DRM.

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 à 50°C (32°F à 122°F)
Storage temperature range: -20°C à 70°C (-4°F à 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
USB cable
Ground cable
Power cable
2 years warranty

OPTIONAL ACCESSORIES

TAP-DRM for the dynamic resistance testing
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