

- Technology : IEPE
- Sensitivity : 10 mV/N
- Measurement range : 500N
- Overload capacity : 120%
- Non-linearity : <1%
- Mass : 158 grams
- Material : stainless steel
- Sensing element : quartz
- Connector : BNC



Characteristics

Light weight, small size and fast dynamic response Impact Hammer.
His low spectral noise makes this sensor ideally suitable
for modal testing on small and medium-sized structure and equipment.

The hammer has a BNC connector.
Sensor is delivered with a factory calibration report.

Applications

- Modal Analysis
- Structural health testing
- Resonance frequency research
- Small and medium-sized equipment
-

Specifications

Performances

| | |
|-------------------|---------|
| Measurement range | 500N |
| Sensitivity | 10 mV/N |
| Resolution | 0.18N |
| Non-linearity | 1% FS |

Physical

| | |
|----------------------|-----------------|
| Sensing element | Quartz |
| Housing material | Stainless steel |
| Mounting thread | 10-32 |
| Weight | 158 gr |
| Electrical connector | BNC |
| Resonance frequency | >40 kHz |
| Overload capacity | 120% |

Electrical

| | |
|---------------------|-----------|
| Excitation voltage | 20-30 VDC |
| Constant current | 2-20 mA |
| Full range voltage | ±5 V |
| Setting time | >30s |
| Output Bias Voltage | 8-12 VDC |
| Output impedance | ≤100Ω |

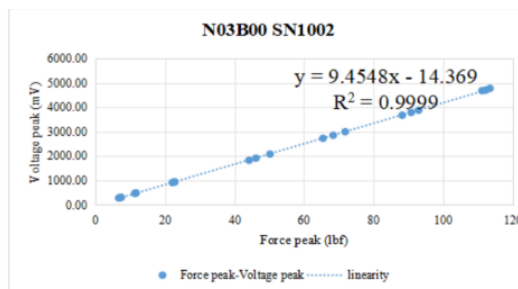
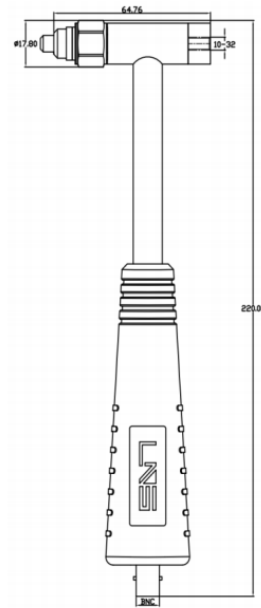
Environnemental

| | |
|-------------------|-------------|
| Temperature range | -55 à 120°C |
| Sealing | Epoxy |

Calibration

| | |
|----------------------------|----------|
| Factory calibration report | Included |
|----------------------------|----------|

Dimensions



Options et accessories

- IEPE conditioner
- Acquisition module
- Sensitivity and measurement range