Traditional accelerometers (for all models of PIT):
Size: 20 x 20 x 60 mm
Circuit: Integral impedance converting electronics
Acceleration range: ±100g
Frequency range: 0.7 to 9000 Hz
Resonant frequency: >40 kHz
Low noise shielded cable (1500mm)
Full waterproofing optional
Temperature Range: -50 to 120°C operating
Nominal sensitivity 50 mV/g
Shock limit: 30,000 g
Amplitude linearity: <± 1%
Nominal time constant: 0.5 s
Available in top or side mount
Attachment by bolt on system (side) or flat base mount (top) with adhesive

Wireless accelerometer (for PIT-X and PIT-XFV):
Size: 92 mm H X 44 mm dia. (nominal, 53 mm max.)
Weight: 0.112 Kg
Acceleration range: ±100 g
Frequency range: 0.7 to 9,000 Hz
Resonant frequency: > 40 KHz
Data transmission range 3m
Internal battery (8 hour duration)
Temperature Range: 0 to 40°C operating; -20 to 65°C Storage
Nominal sensitivity: 50mV/g
Shock limit: 30,000 g
Amplitude linearity: <± 1%
Nominal time constant: > 0.5 s
Data transmission frequency 2.4 GHz to 2.4835 GHz
Available in top mount only
Attachment by flat base mount with adhesive

Hammers:
Handle type hammers have replaceable hard plastic hammer tips.
All instrumented hammers are equipped with a 1mV/g accelerometer

<table>
<thead>
<tr>
<th>Weight</th>
<th>Non instrumented (handle type) for any model of PIT</th>
<th>Instrumented for PIT-QFV and PIT-FV (traditional)</th>
<th>Instrumented for PIT-XFV (wireless)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5 kg (1 lb.)</td>
<td>Tip diameter 38.1mm (1.5&quot;)</td>
<td>Tip diameter 38.1mm (1.5&quot;) drop type</td>
<td>Gross weight 1.02 kg (2.25 lb.)</td>
</tr>
<tr>
<td>0.9 kg (2 lb.)</td>
<td>Not available</td>
<td>Not available</td>
<td>Gross weight 1.42 kg (3.15 lb.)</td>
</tr>
<tr>
<td>1.4 kg (3 lb.)</td>
<td>Tip diameter 50.8mm (2&quot;)</td>
<td>Tip diameter 50.8mm (2&quot;) drop type</td>
<td>Not available</td>
</tr>
<tr>
<td>3.6 kg (8 lb.)</td>
<td>Tip diameter 76.2mm (3&quot;)</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>4.1 kg (9 lb.)</td>
<td>Not available</td>
<td>Tip diameter 76.2mm (3&quot;) handle type</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Additional wireless instrumented hammer specifications:
Size: Dia. 90.2 mm (3.55") Height 254 mm (10.0") independent of weight
Temperature Range: 0 to 40°C operating; -20 to 65°C Storage
Data transmission range 3m
Data transmission frequency 2.4 GHz to 2.4835 GHz
Internal battery (8 hour duration)