G-MEN is one of the field data recorders with simple functions and has a MEMS type tri-accelerometer and temperature & humidity sensor, lasting up to 50 days by AA battery. There are 3 models that are 2G, 20G and 100G for selection. All devices have a LCD display that can show you the measured peak acceleration immediately. Measured data can be shown and output as csv file via an analysis software on PC.

**Features**
- Built in tri-axial acceleration sensor and temperature & humidity sensor.
- Continuous measurement for up to 50 days at 10ms sampling *AA size alkaline battery x 2.
- Memory capacity 65500 point.
- Three different models. (DR01 for 2G, DR20 for 20G, DR100 for 100G)

**Application**
- Distribution environment survey of package freight, and quality control.
- Finding problem in distribution environment.
- Distribution traceability survey.

**Specification**

<table>
<thead>
<tr>
<th></th>
<th>DR01</th>
<th>DR20</th>
<th>DR100</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td>DR01</td>
<td>DR20</td>
<td>DR100</td>
</tr>
<tr>
<td><strong>Acceleration Range (G)</strong></td>
<td>1 / 2 (changeable)</td>
<td>10 / 20 (changeable)</td>
<td>100</td>
</tr>
<tr>
<td><strong>Frequency Range (Hz)</strong></td>
<td>DC ~ 100</td>
<td>DC ~ 100</td>
<td>16 ~ 100</td>
</tr>
<tr>
<td><strong>Resolution (G)</strong></td>
<td>0.01 (at 1G)</td>
<td>0.1 (at 10G)</td>
<td>1</td>
</tr>
<tr>
<td><strong>Memory size</strong></td>
<td>65500 points</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Continuous record time</strong></td>
<td>Maximum 50 days (at 10ms sampling, depends on temperature environment / battery perfor-</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sampling rate (ms)</strong></td>
<td>1 / 2 / 5 / 10 / 20</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Temperature &amp; humidity</strong></td>
<td>Temperature : 0 ~ 50°C, Humidity : 30 ~ 90% rh</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Battery</strong></td>
<td>AA battery × 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Interface</strong></td>
<td>USB mini-B</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Size (mm)</strong></td>
<td>W60.5 × D33.0 × H75.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Weight (g)</strong></td>
<td>135 (include battery)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>OS for software</strong></td>
<td>Windows 7 (32 / 64bit)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Operating environment (°C)</strong></td>
<td>0 ~ 50 (non condensing)</td>
<td></td>
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</tr>
</tbody>
</table>