EPM-XG Gas Engine Balancer

Characteristics

- Engine Cylinder balancer
- Peak pressure indicator
- High accuracy (<0.5% FSR)
- Easy to operate
- Proven combustion pressure sensor
- No water or air cooling required
- Light weight (2.5 lbs)
- Rechargeable battery
- Powerful PC analysis software
- Convenient carrying case
- Best value handheld analyzer

Application

- 2 stroke engines: 40–500 RPM
- 4 stroke engines: 200–1500 RPM
- Up to 20 cylinders

The EPM-XG keeps your engines in balance for best power, optimum fuel efficiency, lowest emissions, and long engine life.
The EPM-XG is a highly accurate and easy to use gas engine balancer. The operator can collect cylinder pressure data and balance the engine without leaving the engine.

The EPM-XG comes with powerful PC analysis software that includes the following features.

- Balancing bar chart
- Peak Pressure bar chart
- 50 cycle peak pressure history for each cylinder
- Excel-based analysis report includes peak pressure, standard deviation, Pmax & Pmin for each cylinder.

The EPM-XG’s battery recharges while the EPM-XG is connected to the PC. Plug-in battery chargers are also available for charging multiple batteries.

Technical data

<table>
<thead>
<tr>
<th>Measuring range</th>
<th>0...2000psi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accuracy (EPM-XG unit incl. HTT sensor)</td>
<td>+/-0.5% full scale</td>
</tr>
<tr>
<td>Max. temperature at measuring cell</td>
<td>300°C</td>
</tr>
<tr>
<td>Storage capacity</td>
<td>20 measurements / engine</td>
</tr>
<tr>
<td>PC Interface</td>
<td>USB</td>
</tr>
<tr>
<td>Batteries</td>
<td>2 rechargeable 9V NiMH batteries</td>
</tr>
<tr>
<td></td>
<td>1 hr of operation per battery charge</td>
</tr>
<tr>
<td>Weight incl. Sensor and adaptor</td>
<td>2.5 lbs</td>
</tr>
<tr>
<td>Dimension incl. protection cover</td>
<td>8.3 x 3.9 x 3.1 in</td>
</tr>
</tbody>
</table>

Scope of Supply

EPM-XG Gas Engine Balancer, includes
- Handheld analyzer
- HTT-04 combustion pressure sensor & 4 ft. cable
- Thompson adaptor (W27 x 1/10”) & wrench
- 2 rechargeable 9V NiMH batteries
- PC Visualization software
- USB cable
- Carrying case
- Users Manual & Quick Start Guide on USB Flash Drive

Optional Items

- ANSMANN two 9V battery charger
- ANSMANN 300 mAh NiMH battery

Contact: IMES USA
276-451-5265, sales@imes-usa.com

Part Num
IW-1530
1001-0063-US
ANS-9V-BATT