

**New Product !**



## EPM-XNG<sup>plus</sup> Gas Engine Balancer

### Next Generation Features

- 20 hour battery life!
- Larger display > easier to read
- 2 new function keys > easier to operate
- 0.1 crank angle degree measuring resolution
- Compression pressure measurement
- Pressure vs Crank Angle curves
- As-Found and As-Left balancing reports
- Continuous PC on-line monitoring of P vs CA and Pmax for diagnostic purposes



### Existing Features

- High accuracy (<0.5% FSR)
- Cylinder Balancing Order
- Proven combustion pressure sensor
- No water air cooling required
- Light-weight (2.5 lbs)
- Rechargeable batteries
- Powerful PC analysis software
- Convenient carrying case
- Best value handheld analyzer



### Application

- 2-stroke engines: 40 to 900 RPM
- 4-stroke engines: 200 to 1800 RPM

**The EPM-XNG<sup>plus</sup> helps keep your engines in balance for best power, optimum fuel efficiency, lowest emissions, and long engine life.**

The EPM-XNG<sup>plus</sup> is a highly accurate and easy to use gas engine balancer. The operator can collect “As Found” cylinder pressure data, balance the engine, and collect “As Left” data without ever leaving the engine room.

The EPM-XNG<sup>plus</sup> comes with powerful PC analysis software that includes the following features.

- Balancing bar chart
- Peak & Compression Pressure bar chart
- 50 cycle peak pressure history for each cylinder
- Pressure vs Crank Angle curves
- As-Found & As-Left balancing reports includes peak pressure, compression pressure, standard deviation, Pmax & Pmin for each cylinder
- Trending

The EPM-XNG<sup>plus</sup> battery recharges while the handheld is connected to the PC or a USB charger.

### Specifications

Measuring range	0...2000psi
Accuracy (EPM-XG unit incl. HTT sensor)	<+/-0.5% FSR(static)
Max. temperature at measuring cell	300°C
Storage capacity	20 measurements / engine (As Found and As Left)
PC Interface	USB
Rechargeable Batteries	(4) NiMH AAA 930 mAh
Weight incl. Sensor and adaptor	2.5 lbs
Dimension incl. protection cover	8.3 x 3.9 x 3.1 in

### Scope of Supply

- EPM-XNG<sup>plus</sup> Gas Engine Balancer, includes
- Handheld analyzer
  - HTT-06 combustion pressure sensor & 4 f t. cable
  - Thompson adaptor (W27 x 1/10 " ) & wrench
  - 4 rechargeable NiMH AAA930 mAh batteries
  - PC Visualization software
  - USB cable
  - User’s Manual & Quick Start Guide on USB Flash Drive
  - Hot gloves
  - Carrying case

### Part Num

IW-1723

### Optional Items

- Thompson adapter for continuous on-line measurement on 4-stroke engines
- Pressure pump coupling for calibrating sensor
- Thread cleaner for Thompson adapter

IW-1219

IW-1574

IW-1571

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