LEMAG®

DI-5 & DI-5C

A time saving device for checking crankshaft deflection.

Product features

- Large measuring range
- Invar alloy extension bars for minimum heat expansion
- Backlit display
- Rechargeable lithium ion batteries
- Complete set with transducer, cable, extension bars and case
- Safe, robust and reliable

LEMAG DI-5C:

- Capable of storing 53 cylinder reports (up to 24 cylinders / engine)
- Prints and downloads data to a PC
- Clear documentation of honing result
- Can be equipped with an ovality kit to measure cylinder ovality
**LEMAG® DI-5 & DI-5C**

**LEMAG® DI-5 and LEMAG® DI-5C**
The LEMAG® electronic crankshaft deflection indicators are time saving devices for checking crankshaft deflection. The LEMAG® deflection indicators consist of a transducer with various extension bars made of invar alloy ensuring minimal heat expansion.

**For portable use**
They are delivered with a strong instrument case, rechargeable batteries and a charger. Due to its simplicity, the deflection indicators can be used frequently for deflection checks, and therefore identify potential problems before they require expensive engine repairs.

**LEMAG® DI-5**
The LEMAG® DI-5 can be upgraded by the manufacturer to LEMAG® DI-5C without any needs to replace the entire device.

**LEMAG® DI-5C**
The LEMAG® DI-5C, is equipped with a microprocessor which enables the user to print and download measurement results. Supplied with USB interface connection cable and software.

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### Optional:
**LEMAG® DI-5C ovality kit**
The optional LEMAG® DI-5C ovality kit is designed to measure cylinder liner ovality. The standard kit enables cylinder liner measurements for diameters between 180-600 mm and stroke up to 870 mm. Larger ovality kit sizes are also available on request.

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**Technical specifications**

- **Measuring distance**: 89 - 565 mm (60 mm optional)
- **Measuring Range**: ±2.048 mm to ±2.048 mm
- **Resolution**: 0.001 mm
- **Zero balance range**: ±2.048 mm to ±2.048 mm
- **Zero Drift**: 0.001 mm / 5 minutes
- **Instrument operating range**: 0-55°C / 32-130°F
- **Transducer operating range**: 0-80°C / 32-175°F
- **Batteries**: 3.6 V rechargeable Lithium ion
- **Battery life**: 10h / charge (shelf life 5 years)
- **Extension bars**: 10, 20, 40, 80 and 2 x 160 mm
- **Cable length**: 7 metres
- **Weight**: Instrument 1.1 kg (aluminium), Transducer 0.5 kg, Case 2.7 kg (wood w/foam)
- **Dimensions**: Instrument 190 x 167 x 50 mm, Transducer Ø 31 mm, L 81 mm, Case 300 x 280 x 140 mm