

LEMAG LEHMANN & MICHELS GmbH

measuring instruments since 1911

LEMAG DI-5

ELECTRONIC CRANKSHAFT DEFLECTION INDICATOR

- 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



The LEMAG DI-5 electronic crankshaft deflection indicator is a time saving device for checking crankshaft deflection. The device has been developed over the last 20 years and with its high repeatable accuracy and ease of use continues to be a popular choice for engineers all over the world. The LEMAG DI-5 replaces all time consuming, risky and unpleasant tasks of a mechanical micrometer dial. Due to its simplicity, the deflection indicator can frequently be used for deflection checks and can therefore identify potential problems before they require expensive engine repairs. The new LEMAG DI-5 can also be upgraded by the manufacturer to the LEMAG DI-5C without having to replace the entire device. After the upgrade the device features an interface for transferring the data to a computer and can also be combined with an ovality kit for measuring cylinder liner ovality and comparing bore liner wear for diameters of 180 - 600 mm and stroke up to 870 mm.

LEMAG DI-5C

ELECTRONIC CRANKSHAFT DEFLECTION INDICATOR

- Large measuring range
- Capable of storing 53 cylinder reports (up to 24 cylinders / engine)
- Invar alloy extension bars for minimum heat expansion
- Can be equipped with an ovality kit to measure cylinder wear
- Prints and downloads data to a PC



The LEMAG DI-5C electronic deflection indicator is the latest innovation in crankshaft deflection measurement. Originally the measurement was made by using a mechanical micrometer dial. This was time consuming, risky, unpleasant and dirty and a consequence these tasks were often avoided,

increasing the risk of an engine break-down. The introduction of electronic deflection indicators has made the task simpler, more effective and the measurement results more accurate.

The latest development of deflection measuring, the LEMAG DI-5C, is equipped with a micro processor, which enables the user to print and download measurement results.

The LEMAG DI-5C consists of a transducer with various extension bars made of invar alloy ensuring minimal heat expansion.

For portable use the DI-5C is delivered with a strong instrument case, rechargeable batteries and a charger.

Scope of supply:

- Deflection Indicator LEMAG DI-5C with a transducer and various extension bars
- Interface connection cable and software
- Calibration certificate
- Delivered in a strong instrument case
- Ready to use package with rechargeable batteries and batteries



The optional DI-5C ovality kit is designed to measure cylinder liner wear and ovality.

The standard kit enables cylinder liner measurements with diameters between 180-600 mm and stroke up to 870 mm.

Larger ovality kit sizes are also available on request.