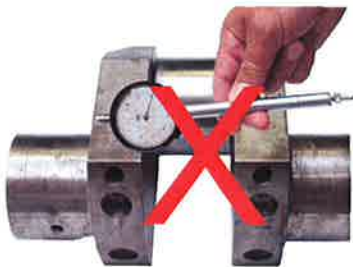


DI-5

Crankshaft Deflection Indicator with microprocessor



Most engineers know the importance of regularly checking the rectilinear of the crankshaft on marine diesels. The usage of an indicator clock was time-consuming, unpleasant, dirty and yielded dubious measurement results. As a consequence these checks were made less

and less frequently, which increased the risk of an engine breakdown. The introduction of the electronic deflection indicator by Prisma Teknik has made the task simpler and more effective and the measurement results more accurate.

The deflection indicator DI-4, precursor of DI-5, has been used by a large number of engineers in more than 60 countries. The manufacturing of this product has been going on for 20 years. Easy usage, along with high reliability and accurate measurements, have made the DI-5 very popular. Many engine producers use the DI-5 to keep their own production in check.

DI-5, looks very much like DI-4, but it is controlled by a micro-processor.

The DI-5 is a complete unit with a battery driven digital instrument and a transducer with extension bars. The product is kept in a strong wooden case. Thanks to its simplicity, the DI-5 is used whenever a need for measuring arises and it detects the errors that might otherwise have lead to costly repairs.

A model with computer interface is also available the DI-5C. In this model it is possible to store all measurements internally and to transfer them to a computer for evaluation and or storage.



FUNCTIONS

- Safe and simple to use
- Easy to fit
- Large measuring distance
- Large measuring range
- Invar alloy extension bars minimize expansion
- Easy to zero balance.
- Backlight function
- Auto switch-off after 45 minutes at rest
- Battery symbol indicates the need for battery charge

TECHNICAL SPECIFICATIONS

Measuring distance	89 - 565 mm (a smaller transducer is optional equipment)
Measuring range	+/- 2.048 mm
Resolution	0.001 mm
Zero balance range	+/- 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
Battery	3.6 V Lithium Ion, re-chargeable
Battery Life	10 hours / charge, shelf life 5 years
Extension bars (invar alloy)	10, 20, 40, 80 and 2 x 160 mm
Cable length	7 meters
Weight	4.4 kg
Dimensions	Instrument 190 x 167 x 50 mm Transducer Ø31 x 81 mm Case 320 x 270 x 120 mm

Prisma Teknik AB has long experience of developing and manufacturing unique high quality products with advanced and reliable technology. Our three product areas are acoustic pedestrian signals, deflection indicators and push buttons.

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