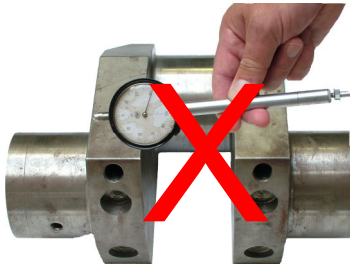


DI-5C

Crankshaft Deflection Indicator with microprocessor and PC interface



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-5C, 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-5C very popular. Many engine producers use the DI-5C to keep their own production in check.

DI-5C, looks very much like DI-4, but it is controlled by a microprocessor and has the capacity to store data and transfer the information to a PC via a USB cable. Up to 45 documents can be stored internally in the DI-5C. Supervisory control and adjustment of the instrument can be made where after the test protocol can be transferred to the computer for comparison with earlier measurement results.

The DI-5C 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-5C is used whenever a need for measuring arises and it detects the errors that might otherwise have led to costly repairs.



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
- Internal storage of measurements and transfer to PC.

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, rechargeable
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