



DI-5C CRANKSHAFT DEFLECTION INDICATOR WITH MICRO-PROCESSOR

Now these checks can be carried out quickly and accurately by using the DI-5C, the deflection indicator with high-precision measuring of big diesel engines.

Most engineers know the importance of regularly checking the rectilinearity of the crankshaft on marine diesels. The usage of an indicator clock was time-consuming, unpleasant and dirty, and it yielded dubious measurement results. As a consequence, these checks were made less and less frequently, which increased the risk of an engine break-down. 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-5, precursor of the 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-5 very popular. Many engine producers use the DI-5 to keep their own production in check

The latest model, the DI-5C, looks very much like the DI-5, but it is controlled by a micro-processor and has the capacity to store documents and transfer the information by USB to a PC. Up to 45 documents can be stored internally in the DI-5C. Supervisory control and adjustments of the instrument can be made, whereafter 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 lead to costly repairs.



FUNCTIONS

Large measuring distance.

Large measuring range.

Invar alloy extension bars minimize expansion.

Easy to zero balance. Manages zero balance within + 2.048 mm to - 2.048 mm.

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 (extension bars and smaller transducer are optional equipment)
Measuring range	+ 2.048 mm till - 2.048 mm
Resolution	0.0001 mm
Zero balance range	+ 2.048 mm till - 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 rechargeable Lithium Ion battery
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	Instrument: 1.2 kg Transducer: 0.5 kg Case: 2.7 kg
Dimensions	Instrument: 190 x 167 x 50 mm. Transducer: Ø 31 mm, length 81 mm Case: 320 x 270 x 120 mm

PRISMA TEKNIK AB

Prisma Teknik has 20 years' experience of developing and manufacturing unique, highquality products with advanced and reliable technology. Our three product areas are *acoustic pedestrian signals*, *deflection indicators* and *push buttons*. Prisma Teknik is a Swedish-owned family business located in Tibro, operating in some 60 markets around the world.