

Alignment Calculator MAC-10



Avoid failures and downtime

Improper shaft alignment causes most premature mechanical failure of bearings and couplings. A simple alignment check, made within minutes, can save much expensive downtime.

Alignment Calculator MAC-10 utilizes the reverse indicator method, the simplest and most accurate alignment method without having to break the coupling. An electronic indicator automatically registers clock position during shaft rotation and transmits the run-out measurements to the instrument display:

- vertical and horizontal offset
- vertical and horizontal angularity
- required corrections of the machine position, both front and back, in horizontal and vertical direction.

Cost-effective and easy to use

MAC-10 is portable, battery powered, and lightweight. It combines high accuracy with user friendly design. Instrument label and display provide all necessary instructions and prompt the user at every step. The electronic indicator has a resolution of 0.01 mm and is insensitive to heat, steam and strong light sources which may affect a more expensive optical system. It eliminates entry errors and automatically compensates for sag.

Comprehensive system

Other exclusive features of the MAC-10 are:

- automatic power down for extended battery life
- automatic recall of last input when powered on
- display in either metric or English units
- additional mode for mechanical dial indicators.

A complete indicator mounting kit is part of the alignment system. The set accommodates shaft diameters between 15 and 120 mm and coupling widths up to 265 mm. Accessories for shaft diameters up to 400 mm and coupling widths up to 465 mm are available, as well as a comprehensive range of ready made shims in various sizes.

Technical data, with electronic indicator

Measuring range	Max. target deflection 15 mm
Resolution	0.01 mm
Power	9 V battery, type 6LR22
Temperature	0° C to 50 °C
Weight, calculator	0.3 kg
Size, calculator	145 x 90 x 32 mm
Casing, calculator	ABS
Keypad	15 keys, sealed membrane
LCD display	Supertwist



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