

QB701 Laser Alignment System



QB701 is designed for the easy and precise measurement of shaft axis misalignment on coupled machines and the calculation of movable machine adjustment required, eliminating misalignment that exceeds permissible tolerances. Machine alignment refers to the adjustment of the relative position of two coupled machines, e.g. motor and pump, so that the center line of the axis will be concentric when the machines are running under normal working conditions.



Programs

- Horizontal shaft alignment from 60° to 360°
- Vertical (flange machine) shaft alignment
- Soft foot
- Auto sweep mode
- Editable misalignment tolerances
- Setup options
- Thermal growth
- Shimming simulator

Specifications and Features

- Transducers with built in Bluetooth and rechargeable batteries, CCD detectors with 30mm laser line
- Up to a 10m measuring distance between transducers
- Visible red 635-670 nm, <1 mW laser
- 1% + 0.01, measurement accuracy
- 0.01 or 0.001 mm display resolution
- Windows style operating system
- Print a report via the database software on your PC or save it directly into a .pdf file on the device

System Package Includes

AVV711 Colour display control unit with 10 hour battery life and IP 65 enclosure, 2 x measuring transducer units, 2 x 150mm and 2 x 90mm threaded rods, 750mm shaft diameter chains, Universal V shaft brackets, CD with "ConSpect" software, USB cable, USB type charger, Carry case, calibration certificate, 50 month limited warranty.

