QB701M
Laser Shaft Alignment System

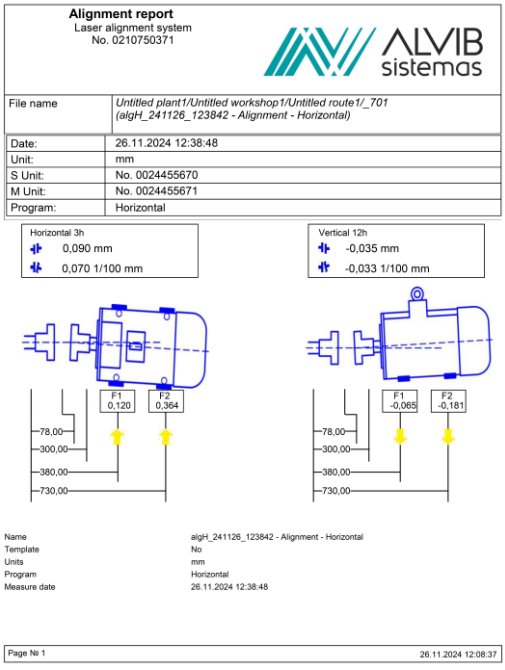
The **QB701M** is designed for the easy and precise measurement of shaft axis misalignment on coupled machines and the calculation of movable machine adjustment. Machine alignment refers to the adjustment of the relative position of two coupled machines, e.g. motor and pump, so that the center line of the axis will be concentric when the machines are running under normal working conditions.

Programs

- **Horizontal shaft alignment from 60° to 360°, up to 36 readings can be measured**
- **Auto sweep mode**
- **Vertical (flange machine) shaft alignment**
- **Soft foot**
- **Editable misalignment tolerances**
- **Setup options**
- **Thermal growth**
- **Shimming simulator**

Specifications and Features

- **Wireless CCD transducers with rechargeable batteries**
- **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**



Alignment report
Laser alignment system
No. 0210750371

File name	*Untitled plant1/Untitled workshop1/Untitled route1/_701 (algH_241126_123842 - Alignment - Horizontal)*
Date:	26.11.2024 12:38:48
Unit:	mm
S Unit:	No. 0024455670
M Unit:	No. 0024455671
Program:	Horizontal

Horizontal 3h: 0,090 mm; 0,070 1/100 mm
Vertical 12h: -0,035 mm; -0,033 1/100 mm

F1 0,120 F2 0,364
78,00 300,00 380,00 730,00
F1 -0,065 F2 -0,181
78,00 300,00 380,00 730,00

Name	algH_241126_123842 - Alignment - Horizontal
Template	No
Units	mm
Program	Horizontal
Measure date	26.11.2024 12:38:48

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System Package Includes

3.5” AVV711 Colour Windows style display control unit with a 10-hour battery life and an 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.