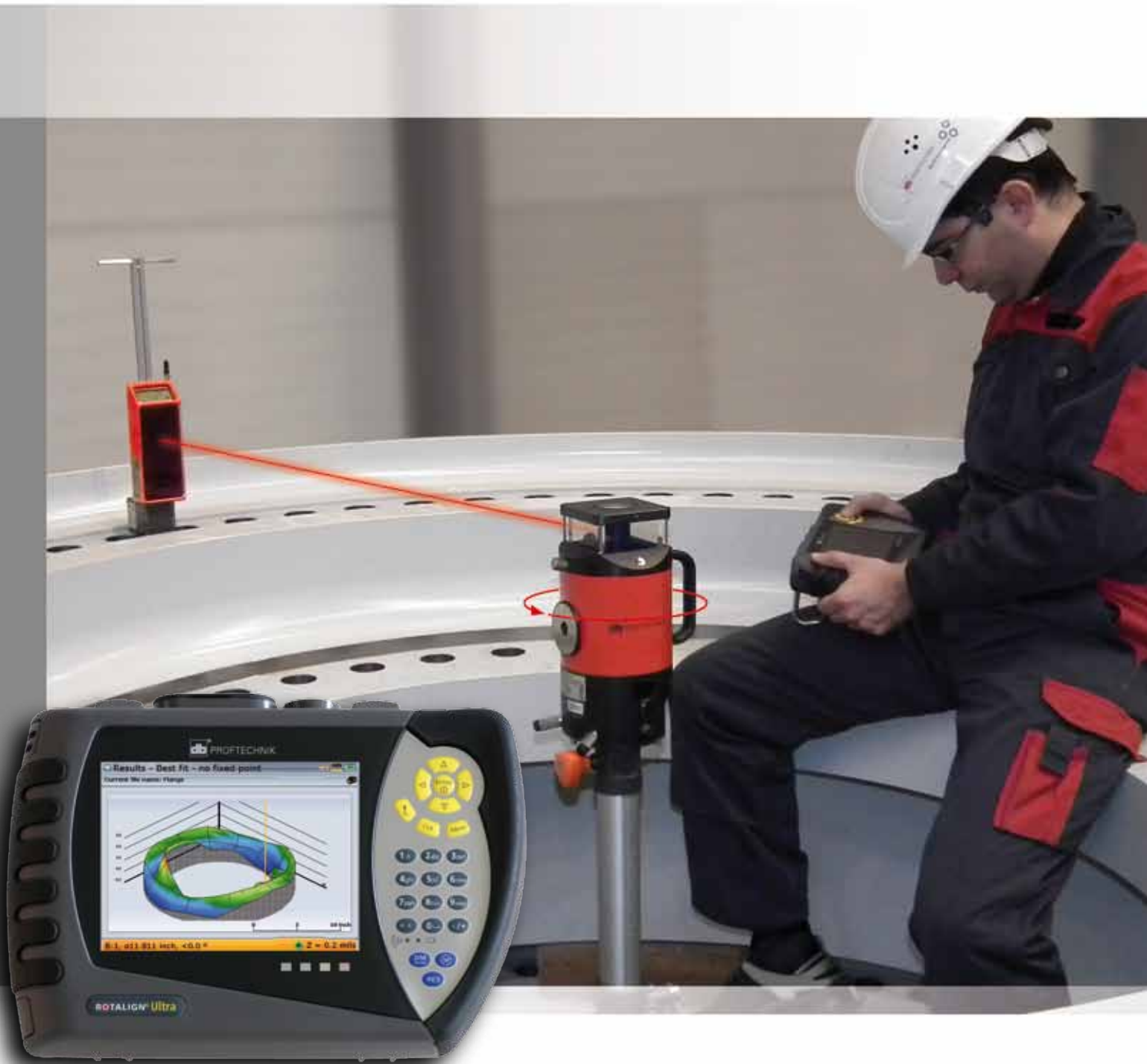


LEVALIGN[®] expert

Flatness and level with a spin



Flatness and level with a spin

LEVALIGN® expert

Leveling and flatness with spinning laser

Standard features

One person operation

Automatic vertical and horizontal laser leveling

Leveling, flatness, straightness, parallelism and perpendicularity

328 ft laser range / Ø 656 ft, 2.75 in. sensor range

Integrated wireless communication

Evaluation of flatness and level of surface profiles in 3-D on ROTALIGN® Ultra

High-end PC software for data analysis, professional reporting and data management

Integrated coordinate display in measurement sensor

Measurement accuracy to achieve API 686 specifications for baseplate installation and leveling

Geometric measurements made simple.

The horizontal and vertical self-leveling spinning laser with Ø 328 ft measurement range in conjunction with a 2.75 in range sensor ensures quick one-man operation for wide-ranging measurement tasks. Wireless communication between sensor and ROTALIGN® Ultra computer transfers measurement data for analysis and evaluation of surface profile. LEVALIGN® expert is a very attractive package for OEMs and companies who offer full maintenance services for improvement of machine running condition and productivity.



The measuring system consists of LEVALIGN® expert laser and sensor with wireless communication to the ROTALIGN® Ultra computer, and optional powerful ALIGNMENT CENTER PC software for measurement analysis.

For advanced industrial applications

- ▶ Flatness and parallelism* of wind tower segment flanges
- ▶ Leveling of machine foundations
- ▶ Parallelism* of rails
- ▶ Flatness and straightness measurement in ship building
- ▶ Leveling of reference surfaces and bases
- ▶ Circular and rectangular surface profiles

* in combination with Pentalign



3-D view of the ROTALIGN® Ultra computer allowing better comprehension and evaluation of the results



LEVALIGN® expert laser – technical data

Laser range	328 ft (Ø 656 ft)
Self leveling	Vertical or horizontal (detachable)
Self leveling range	±5%
Direction adjustment	±5%
Speed	Up to 800 RPM
Overall error (incl. conical + leveling + step)	< ±.98mil + ±.024 mil/in.
Power	Internal rechargeable battery or external power supply
Operating time	Up to 16 hours
Dimensions	Ø 5.1 x 10.6 in.
Weight	7.5 lbs

LEVALIGN® expert sensor – technical data

Resolution	0.0004 in.
Accuracy	0.0008 in.
Measurement range	2.75 in.
Zero point adjustment	2.75 in.
Internal memory	2600 points
Wireless communication	RF-module
Power	2 x AA batteries
Dimensions	8.4 x 2.8 x 1.6 in.
Weight	1.37 lbs

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