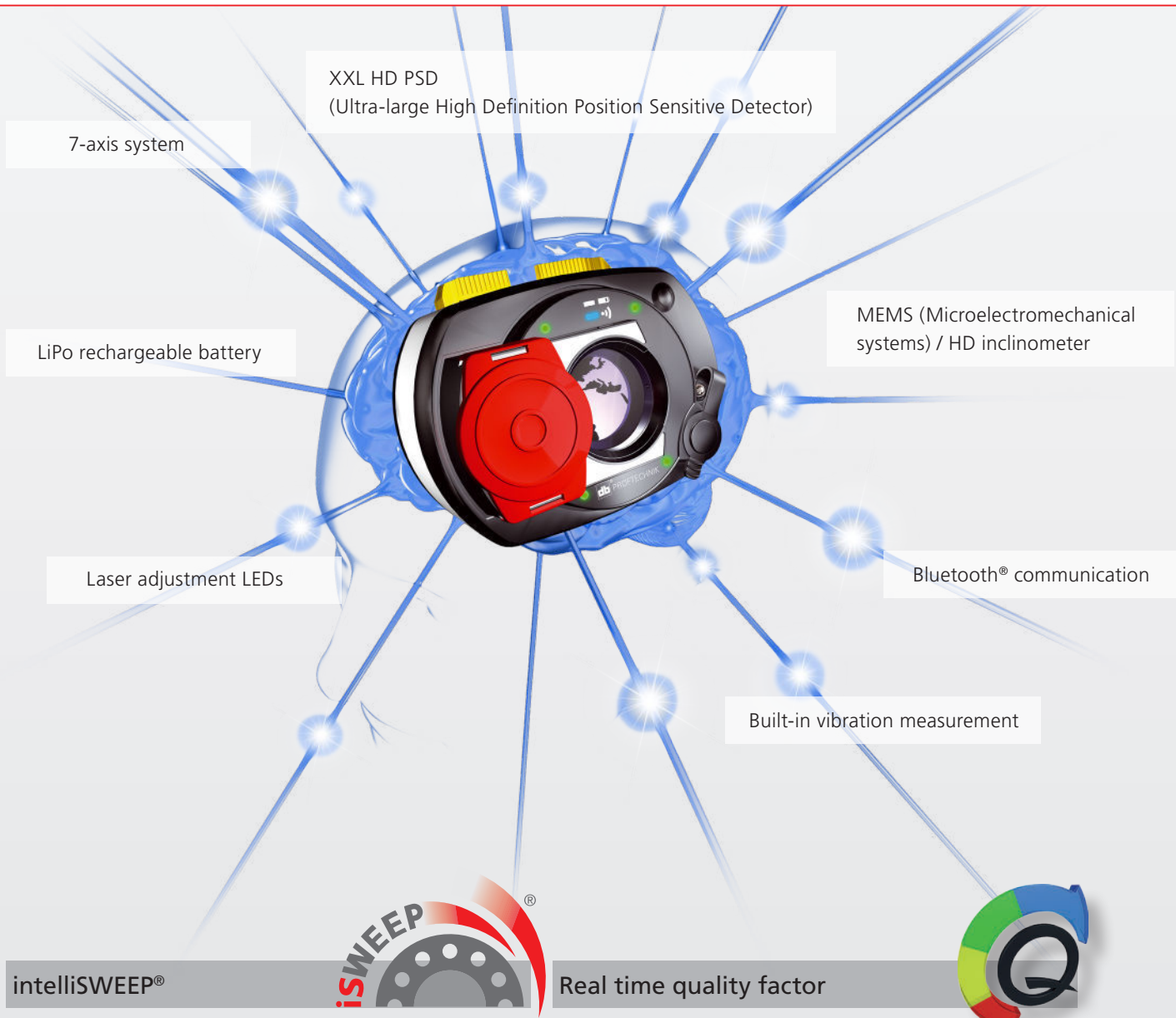


# sensALIGN® on-board intelligence



The intelligent intelliSWEEP® HD measure mode actively supports the user by detecting error influences such as coupling play, rotational angle or vibration, and automatically eliminating them.

As shafts rotate, a large number of measurement data is automatically and continuously recorded. This is much more accurate when compared to measurement methods where measurement is taken at three positions only.

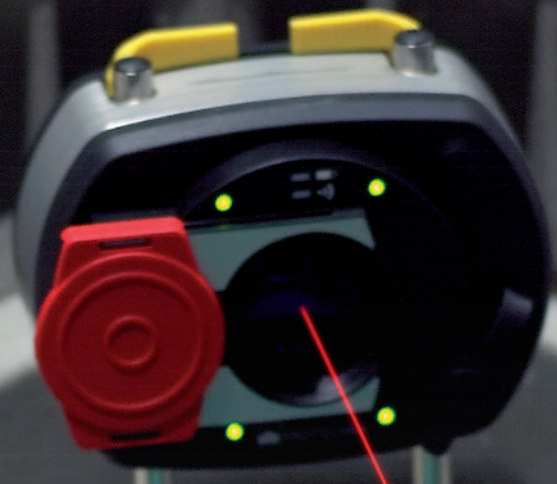
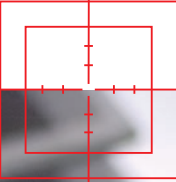
**"intelliSWEEP®: the new and unique intelligent HD measurement mode that collects and processes hundreds of real measurement points"**

The user is kept informed of the quality of the measurement and given hints on how to achieve improved measurement data.

- ▶ Quality factors
- ▶ Rotation angle
- ▶ Ellipse standard deviation
- ▶ Environment vibration
- ▶ Rotation evenness
- ▶ Angle rotation inertia
- ▶ Rotation direction
- ▶ Rotation speed
- ▶ Filter output

# sensALIGN® on board-intelligence

Automatically compensates for negative influences



4 adjustment LEDs Initial laser adjustment becomes child's play over any distance. Four green LEDs signal that the laser beam is hitting the centre of the detector.

## At a glance

- ▶ **Real time quality by intelliSWEEP**  
Always precise, accurate and repeatable
- ▶ **7-axis measurement system with High Definition PSD, XXL detector**  
Any amount of misalignment can be easily
- ▶ **In-built vibration measurement**  
Measure machine vibration before, during and after alignment, no need for additional hardware
- ▶ **Environmental vibration monitoring**  
Accurate shaft alignment under vibrating condition
- ▶ **Precision in-built inclinometer through MEMS**  
Used for backlash detection
- ▶ **Communication to the sensor through the laser beam**  
sensALIGN® laser information readily available
- ▶ **Integrated class 1 Bluetooth®**  
Wireless communication without additional accessories
- ▶ **Rechargeable battery with latest LiPo technology and intelligent power management**  
Long runtime without memory effect

## sensALIGN® laser

## sensALIGN® sensor

