

Machine Control Station

PS Series



For the toughest requirements,
reliable and always in action
for your needs

Designed for Machine Control. Superior Technology

PS-200 Series

The PS-200 is a professional grade robotic total station, designed for toughest Machine Control use cases. exclusive LongLink™ communication, and an incredibly powerful EDM.

LPS-Setup preinstalled

With LPS-Setup you can get your PS-200 up and running in no time. Load your control points via the integrated USB interface and choose from various stationing options. Your robotic total station is ready for use in just a few minutes and controls your construction machine reliably - in any weather and even in difficult environments.

PowerTrac™ tracking technology

The revolutionary PowerTrac™ engine dramatically increases power for prism tracking. Employing entirely new optics, laser system, and further advanced algorithms, PowerTrac™ provides the unsurpassed ability to keep tracking a moving prism even under the toughest environmental conditions.

LPS-Setup preinstalled

PowerTrac™ tracking technology

Ultra-powerful advanced EDM

Exclusive LongLink™ communications

Advanced angle accuracy

Rugged, waterproof design



LongLink™

The exclusive LongLink™ communications functionality in every PS Series model provides operational capabilities never before offered in a robotic total station.



1 600 m range
LongLink™ functionality

2 Fast and powerful EDM
1,000 m non-prism range

3 Advanced angle accuracy

4 Rugged waterproof/
dustproof IP65 desig

5 Easy access USB Type
A/B flash drive port

6 Color TFT QVGA display

7 Built-in *Bluetooth*® technology

8 Ultra-fast servo motor technology

9 PowerTrac™ tracking technology

10 Backlit 25 key keyboard and
directional arrow key





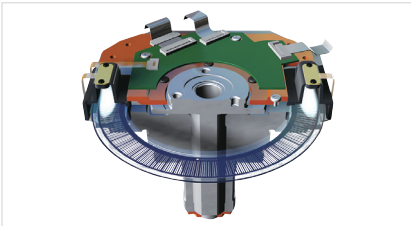
Rugged, waterproof design Ultra-powerful, advanced EDM

- 6,000 m prism range / 1,000 m non-prism range
- Less than 1-second fine measurement
- Coaxial red laser pointer
- Pinpoint, precise beamspot



Easy access USB 2.0 memory

- Environmentally protected
- Compatible with industry standard USB memory stick



Advanced angle accuracy

- Self-calibration
- Proven high accuracy technology
- Angle encoder “Best-in-Class”



Rugged, waterproof design

- Waterproof/dustproof IP65 design handles the toughest environments
- Magnesium-alloy housing providing stable angle accuracy
- Graphic display and alphanumeric keyboard (standard)



Specifications subject to change without notice.
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