

Machine Control Station

PS Series



Designed for Machine Control.

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.

FEATURES

- LPS-Setup preinstalled
- PowerTrac™ tracking technology
- Ultra-powerful advanced EDM
- Exclusive LongLink™ communications
- Advanced angle accuracy
- Rugged, waterproof design

| TELESCOPE | |
|---------------------------------|--|
| Resolving power | 2.5" |
| Magnification | 30x |
| ANGLE MEASUREMENT | |
| Min. Resolution/Accuracy | |
| PS-201 | 1" |
| PS-203 | 3" |
| TILT ANGLE COMPENSATION | |
| Compensation | Dual-axis compensator |
| Range | ±6' |
| DISTANCE MEASUREMENT | |
| Prism EDM Range | 6,000 m |
| Prism EDM Accuracy | 1.5 mm + 2 ppm |
| Non-Prism Range | 1,000 m |
| Non-Prism Accuracy | 2 mm + 2 ppm (0.3 - 200 m) |
| Measuring Time | Fine: 0.9 sec Rapid: 0.6 sec Tracking: 0.4 sec |
| COMMUNICATIONS | |
| LongLink™ rover communications* | |
| USB 2.0 Slot (Host + Slave) | |
| RS-232C Serial | |
| GENERAL | |
| Display | Color Touch TFT 240 x 320 Display (Dual Display) |
| Keyboard | 25 keys with illuminator (Single Keyboard) |
| Battery Operation | Up to 4 hours |
| Dust/Water Rating | IP65 |
| Wireless Connection | Bluetooth® Class 1 |
| Operating Temp | -20°C to 50°C |

* The communication range may vary due to the condition of the area

