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*

Specifications subject to change without notice.
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