

Pointer B

High-precision Total station

2" Accuracy

1000m

2.8-inch color Screen



Technical Specification

| Model | Pointer B | |
|---|--|---|
| Angle Measurement (HZ、V) | Reading System | Absolute Encoders |
| | Minimum Reading | 1" |
| | Accuracy | 2" |
| Telescope | Magnification | 30X |
| | Field Of View | 1°30 |
| | Minimum Focus | 1.5m |
| | Crosshair | Illumination |
| Compensator | Compensator Type | Dual axis |
| | Compensator Range | ±3' |
| | Compensator Resolution | 1" |
| Distance Measurement (prism) | Single Prism air condition normal/good | 4000m/5000m |
| | Sheet | 1000m |
| | Accuracy | 2mm +2ppm |
| | Time (Repeat/Tracking) | 0.8s / 0.3s |
| Distance Measurement (non-prism) | Distance | 1000m |
| | Accuracy | 3mm +2ppm |
| | Time | 1.5s |
| Communication | Storage | 20000 points / SD (8G OTG U Disck standard) |
| | Interface | RS232 / Micro USB / U disc |
| | Wireless communication | Bluetooth |
| | Data Format | ASCII |
| Operation | System | Real-time operating system |
| | Display | 2.8 inches , 240*320 pixel , colour display screen |
| | Keyboard | Double-sided digital backlit silicone buttons |
| Laser Plummet | Type | Aser ,Level 4 brightness adjustment |
| | Accuracy | 1mm(Instrument height 1.5m) |
| Environment | Operating temperature range | -20°C~+50°C |
| | Storage temperature range | -40°C~+70°C |
| | Temperature and pressure input | Automatic sensing |
| | Waterproof and Dustproof | IP55 |
| Power | Type | Li-ion battery |
| | Voltage /Capacity | 7.4V/3000mAh |
| | Working Time | Angle Measuring:16h Distance+Angle Measuring:20h |
| | Measuring time | About 12000 times |