

- Handy Electric Discharge Machine head
- Extended built-in memory (maximum 50,000) point)
- High accuracy and long-term measurement range
- Complete the application program
- Convenient data management system
- Electronic car Compensator
- length Battery life

specification:

Model	PTS-142R10
Distance measurement (on sunny weather)	
None Prism	1000 meters
Range 1P	2.0km
Range 3P	3.0km
Sheet	2.0km
telescope	
Aperture	45mm
magnification	30x
image	upright
Field of view	30 minutes per degree
Minimum focus	1.5m
Accuracy	$\pm(2\text{mm}+2\text{ppm}\times D)$
Minimum reading	
Precision mode	1mm
Rapid mode	1mm
Tracking mode	1mm
Speed measurement	
Precision mode (repeat)	1.8 seconds (first 2.5 seconds)
Fast forward mode (repeat)	0.9 seconds (first 2.5 seconds)
Tracking mode	0.4 seconds (first 1.5 seconds)
Atmospheric correction	
ppm input range	-499ppm to 499ppm (Step 1ppm)
Prism constant correction	-99mm to 99mm (step 1ppm)
Angle measurement	
Minimum display	1 inch
Standard deviation	2 inches
Measure time	0.1 seconds
Round Level	8 inch/2mm
Plate level	30 inch/2mm
Optical centripetal force	
magnification	3X
Focus range	0.5~ ∞
image	upright
Field of view	4°
battery	
Voltage	DC7.2V
Battery life (20°C)	
Nickel Hydrogen Battery BDC27H 2.7AH	Distance and angle measurement: 4.5h
	Angle measurement: 18h
Lithium battery BDC40L 4.0AH	Distance and angle measurement: 4.5h
	Angle measurement: 30 hours
temperature	
Storage temperature	-40°C to 60°C
Operating temperature	-20°C to 55°C

size	190 x 210 x 350 mm
Weight	6kg

If you are interested in this product, please feel free to contact us.