



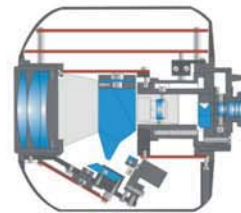
## Features

### High Accuracy & Long Measuring Range

Accuracy : 3mm+2ppm

Range: 2.6km.

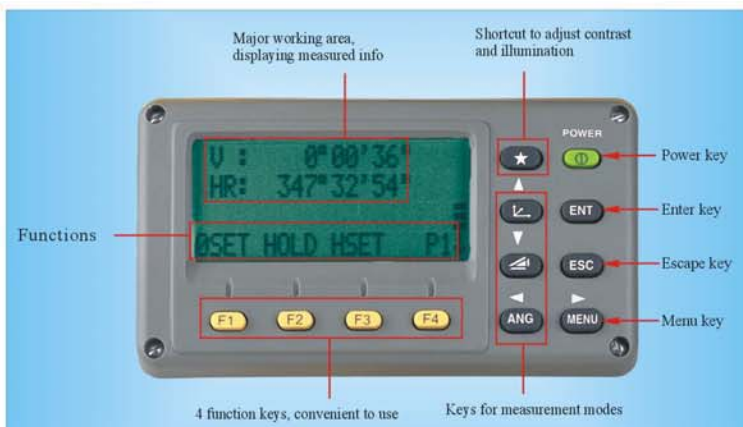
### ● Handy EDM Head



### ● Extended Internal Memory (max. 8000 Points)



### ● Superior Waterproof & Dustproof Capabilities



## Specification

Model	NTS-322	NTS-325
<b>Distance Measurement</b>		
Measuring Range	1P 1.8km	1.6km
(under fair weather)	3P 2.6km	2.3km
Reading	Max. 999999.999m; Min. 1mm	
Accuracy	3mm+2ppm	
Measuring Time	Fine mode: 3" ; Tracking mode: 1"	
Atmospheric Correction	Automatic correction by inputting parameter	
Prism Constant Correction	Automatic correction by inputting parameter	
<b>Angle Measurement</b>		
Measurement Method	Incremental Photoelectronic Encoding	
Raster Disk Diameter	79mm	
Minimum Reading	1" / 5"	
Detection Method	Horizontal: Dual Vertical: Dual	
<b>Telescope</b>		
Image	Erect	
Length	154mm	
Effective Aperture	Telescope: 45mm; Object Lens (50mm)	
Magnification	30X	
Field of View	1° 30'	
Resolving Power	4"	
Minimum Focusing Distance	1m	
<b>Auto Vertical Compensator</b>		
Type	Liquid-electric Detection / Plate Vial	
Compensation Range	±3'	
Accuracy	1"	
<b>Level Sensitivity</b>		
Plate Vial	30"/2mm	
Circular Vial	10' / 2mm	
Optical Plummet		
Image	Erect	
Magnification	3X	
FocuSsing Range	0.5m ~ ∞	
Display	LCD, 4 Lines	
Data Port	RS-232C	
Battery	Ni-H, Rechargeable	
Voltage	6V (DC)	
Operation Time	3 hrs (small battery) ; 8 hrs (big battery)	
Charging Time	10 hrs	
Operating Temperature	-20 ~ +45°	
Size & Weight	160x150x330mm, 5.6kg	

## Accessories (NTS-350/320 Series)

### Solar Filter NF-20



### Diagonal Eyepiece NE-20



### Communication Cables



CE-203	For SOUTH / Topcon / Sokkia
CE-293	For Pentax
CE-297	For Nikon
CE-299	For Leica

### Battery and Charger



NB-20



NC-20

(EU/UK/US/JP/UL Type chargers available)

## Standard Configuration (NTS-350/320 Series)



- |                         |    |
|-------------------------|----|
| 1. Mainframe            | 1x |
| 2. Rechargeable Battery | 2x |
| 3. Battery Charger      | 1x |
| 4. Communication Cable  | 1x |
| 5. Tools Kit            | 1x |
| 6. Belt for Case        | 2x |
| 7. Dryer                | 1x |
| 8. Plummet              | 1x |
| 9. Carrying Case        | 1x |
| 10. Operation Manual    | 1x |