

Mudel	DTM-362, DTM-352, DTM-332
Teleskoop	
Tube Length	158mm
Magnification	33x (21x/41x with optional eyepieces)
Effective diameter of objective	45mm (EDM: 50mm)
Field of view	1°20'
Resolving power	2.5"
Minimum focusing distance	1.3m
Kauguse mõõtmine	
Range with Nikon specified prisms	
Normal conditions	(Ordinary haze, visibility approx. 20km)
With reflector sheet (5 x 5cm)	5 to 100m
Miniprismaga	1,000m
Ühe prismaga	2,000m
Kolmik prismaga	2,600m
Good conditions	(No haze, visibility of over 40km)
With reflector sheet (5 x 5cm)	5 to 100m
With mini prism	1,200m
With single prism	2,300m
With triple prism	3,000m
Täpsus (Prism/Precise mode)	$\pm(3+2\text{ppm} \times D)\text{mm}$ $\pm(3+3\text{ppm} \times D)\text{mm}$ (-20°C to -10°C, +40°C to +50°C)
Mõõtmise intervall^{*1}	
Täpne viis	1.6 sec. (initial 1.6 sec.)
Normaalne viis	1.0 sec. (initial 1.4 sec.)
Least count	
Precise mode	1mm
Normal mode	10mm
Töö temperatuur^{*2}	-20°C to 50°C
Atmosfääri korrigeerimine	
Temperature range	-40°C to 60°C
Barometric pressure	400 to 999mmHg/533 to 1,332hPa/15.8 to 39.3 in.Hg
Prism offset	-999 to 999
Nurga mõõtmine	
Lugemise süsteem	Photoelectric detection by incremental encoder
Horisontaalnurk	Diametrical(DTM-362/352), Single(DTM-332)
Vertikaalnurk	Single
Minimum increment (Degree, Gon, MIL6400)	Degree: 1/5/10", Gon: 0.2/1/2mgon, MIL6400: 0.005/0.02/0,05mil
DIN 18723 täpsus (horisontaalne ja vertikaalne)	5"/1.5mgon (3"/1.0mgon:DTM-362)
Tilt sensor	
Tüüp	Dual-axis(DTM-362/352), Single-axis(DTM-332)
Meetod	Liquid-electric detection
Kompersaatori tööpiirkond	$\pm 3'$
Seadistamise täpsus	1"
Level vial	
Plate level vial	30"/2mm

Circular level vial	10'/2mm
Optical plummet	
Magnification	3x
Focusing range	0.5m/1.6 ft. to ∞
Displei	Graafiline LCD (128 x 64 pikslit) Kahepoolne (DTM-362/352), Ühepoolne (DTM-332)
Punkti mälu	10,000 salvestust
Mõõtmed (W x D x H)	168 x 173 x 335mm
Kaal (ligikaudne)	
Peamised ühikud (koos akuga)	5.3kg. (DTM-362/352), 5.2kg. (DTM-332)
Aku	0.4kg
Kandekast	2.4kg
Ni-MH aku BC-65	
Töötamise aeg	
Pidev kauguse ja nurga mõõtmine	Ligikaudu. 16 tundi ^{*3}
Kauguse ja nurga mõõtmine iga 30 sekundi tagant	Ligikaudu 27 tundi
Nurga mõõtmine	Ligikaudu 30 tundi
Kiirlaadimine Q-75U/E	Ligikaudu 2.0 tundi
Kiirlaadimine Q-70C (12V DC cigarette lighter charger)	Approx. 2.0 hours (fully discharged BC-65 requires more than one charge)

*1 Measuring time may vary depending on measuring distance and conditions.

*2 A special version of the DTM-352 is available that allows operation at extremely low temperatures down to -30 °C.

*3 At 25°C. Operation time may be shorter if battery is not new.