

Electronic Digital Theodolites

# NE-103 / 102

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# NE-101 / 100

## Specifications



	NE-103	NE-102	NE-101	NE-100
<b>Telescope</b>				
Magnification	30x			
Aperture	45mm			
Field of view	1°20'			
Shortest focus distance	0.7m			
Reticle illumination	Yes			
<b>Angle measurement</b>				
Minimum reading	5"/10"(1/2mgon, 0.02/0.05mil)			10"·20"(2/5mgon, 0.05/0.1mil)
Accuracy (DIN 19723)	5"/1.5mgon		7"/2mgon	10"/3mgon
Compensator	Liquid-electric detection ±3' (warning if out of range)	-	-	-
<b>Keyboard/Display</b>				
Display type	Dot-matrix LCD with 20 characters × 2 lines			
Display illumination	Yes			
Keyboard/Display	Both sides		Single side	
<b>Optical plummet</b>				
Magnification	3x		2.2x	
Focus range	0.5 to infinity		Fixed (1.3m)	
Leveling base	Detachable			
<b>Battery</b>				
Continuous operating time (manganese batteries) (alkaline batteries)	21 hours		22 hours	
	47 hours		48 hours	
Operating temperature range	-20°C to +50°C			
Environmental specification	IP56		IP54	