

Nikon NE-100 and NE-101 Theodolites

Exceptional Reliability and Ease of Use for Your General Construction Needs

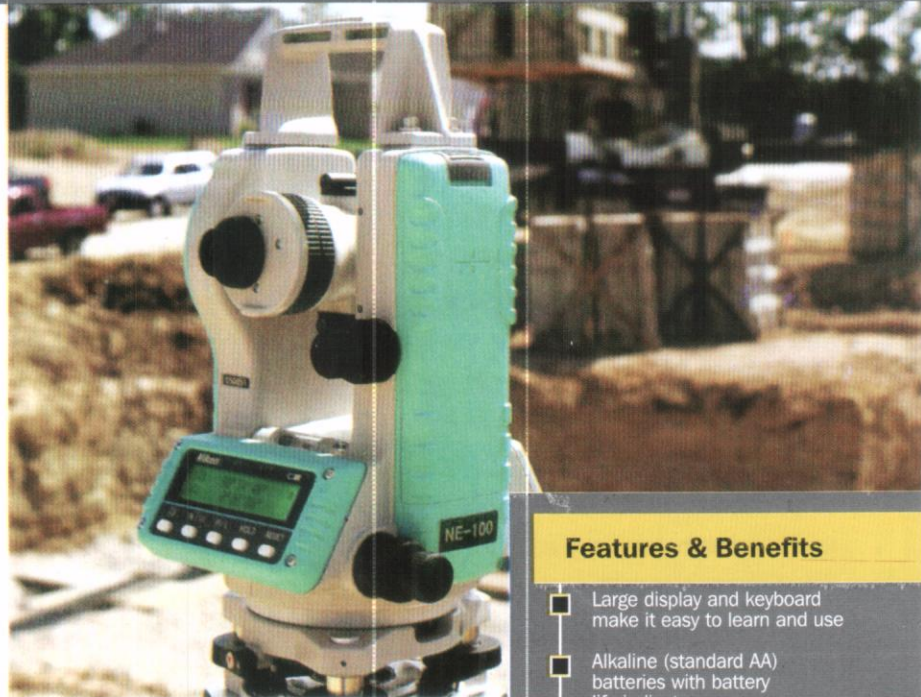
Ease of use, reliability, and durability make the Nikon NE-100 and NE-101 series theodolites a smart choice for your general construction, alignment and layout applications. These affordable instruments, featuring the familiar Nikon quality, are ideal for concrete form alignment, anchor bolt positioning, and steel column erection. The theodolites enable a number of positioning techniques: 90-degree layout, checking angles, alignment and plumb, as well as short range grade work and leveling.

Maximum operation time

Standard AA alkaline batteries are the convenient power source for the Nikon NE-100 and NE-101 theodolites.

Operation time on a single set of batteries is up to 22 hours, and a battery life indicator provides a visual reminder of battery status—providing better planning and reduced downtime.

Operation time is also enhanced by display and scope illumination that allows you to keep working outside even in low light conditions. These features can be especially useful near dawn or dusk during the short days of winter.



Tough, reliable and compact

The Nikon NE-100 and NE-101 theodolites are built tough to withstand the harsh environments common to many construction job sites. Resistant to water and dust, these rugged units are designed to reduce downtime for repairs. The NE-100 and NE-101 are also compact and easy to transport. A small carrying case holds the theodolite, manual, and tools.

Features & Benefits

- Large display and keyboard make it easy to learn and use
- Alkaline (standard AA) batteries with battery life indicator
- Resistant to water and dust to withstand harsh job site conditions
- Small carrying case for easy transport
- Display and scope illumination for longer working hours in low light seasons or conditions
- Superior Nikon optics for exceptional viewing clarity

Exceptional reliability and ease of use for your general construction needs

Specifications	NE-100	NE-101
TELESCOPE		
Magnification	30X	30X
Image	Erect	Erect
Field of view (at 100m/100ft.)	1°20'(2.3 m/2.3 ft)	1°20'(2.3 m/2.3 ft)
Shortest focus range	0.7 m/ 2.3 ft	0.7 m/2.3 ft
Stadia multiplier constant	100	100
Stadia additive constant	0	0
Reticule scope illuminator	Yes	Yes
ANGLE DISPLAY	10/20"	5/10"
	2/5 mgon	1/2 mgon
	0.02/0.05 mil	0.02/0.05 mil
H/V ANGLE ACCURACY	10"/3 mgon	7"/2.2 mgon
LCD DISPLAY	Dot-matrix	Dot-matrix
	20 characters x 2 lines	20 characters x 2 lines
	Backlight available	Backlight available
OPTICAL PLUMMET		
Magnification	2.2X	2.2X
Focusing range	Fixed (1.3 m/4.3 ft)	Fixed (1.3 m/4.3 ft)
Field of view	5°	5°
ACCURACY OF PLATE LEVEL VIAL	60"/2 mm	40"/2 mm
ACCURACY OF CIRCULAR LEVEL VIAL	10"/2 mm	10"/2 mm
DIMENSIONS (W X D X H)	153.5x172x334 mm	153.5 x 172 x 334 mm
POWER SUPPLY	6xAA	6xAA
ENVIRONMENTAL	Water and dust resistant	Water and dust resistant



STANDARD ACCESSORIES
 Carrying case
 2x hexagonal keys (1.5mm/2mm)
 Adjustment pin
 6x AA batteries
 Operation manual
 Dust cover

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