

**Product Name :**  
Digital Theodolite For Testing Lab for Surveying Testing Lab

**Product Code :**  
NSUV-Y7



**Description :**

Digital Theodolite for Surveying Testing - Digital theodolite is a modern engineering instrument for measuring both horizontal and vertical angles, It is a key tool in surveying and engineering work. The theodolite consists of a telescope movable within two perpendicular axes- the horizontal axis, and the vertical axis. When the telescope is pointed at a desired object, the angle of each of these axes can be measured with great precision. Control Panel - Backlit 2 lines LCD Display & Alphanumeric keyboard with single touch button functions.

Length 157 mm

Imaging Erect

Objective Aperture 45 mm

Magnification 30X

Field of View 1°30'

Resolving Power 3"

Minimum Focus Distance 1.4 m

Stadia Ratio 100

Stadia Constant 0

Angle Measurement

Method Absolute Encoding

Diameter of the Circle (Vhz) 79mm

Minimum Reading 1"/5"/10"/20" (Selectable)

Accuracy 2"

Detection Method Horizontal : Dual, Vertical : Dual

Display

Screen Type 2 sides, segment LCD in two lines

Auto Vertical Compensator

System Liquid-electric detection/plate level  
Range +/- 3'  
Accuracy 1"  
Optical Plummet  
Imaging Erect  
Magnification 3X  
Field of View 50  
Focusing Range 0.5m ~ 8  
Physical Characteristics  
Operation Environment -20° ~ + 45°  
Power Supply 6V Rechargeable Ni-MH Battery & AA Battery  
Size (in mm) 165 x 318 x 157 mm  
Weight (in g) 4300  
Rechargeable Batteries - Digital Theodolite is provided with 1X Rechargeable Ni-MH Batteries  
Water & Dust Proof

## Naugra Export

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