







Electronic Theodolites ETH-300 series ETH-302/305/310/320 for Building and Construction



Compact and portable electronic theodolites designed for ease of use Easy-to-read-display • Built for the construction site

SURVEY/01/09/03 - AS 590309

ETH-300 Electronic Theodolites

Building the future

Applications

- Setting out right angles and checking plumb
- Alignment measurements
- Anchor bolt layout90° layout

Key Features include:

- Easy to read-display
- Zero set and reverse angle display
- Powered by Alkaline batteries

Easy to read-display

displayed in degrees or gon.

Easy key operation

- Lightweight and compactThe basic instrument weighs only 4.6 kg or 10 lbs. 2 oz.

Automatic power-off function

Angle measurement and Angle control

- Clockwise and counter-clockwise angle measurement
- Conversion of the vertical angle to a percentage grade
- Zero setting of the horizontal angle at any position
- Horizontal angle 'Hold' key function

Bright optics

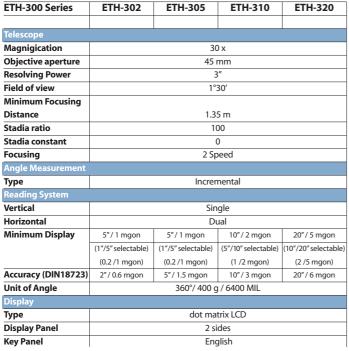
clear images even in poor light conditions.



Standard configuration

- · 2x Battery case (one is attached to each instrument)
- 4x Dry cell battery, type AA (pre-installed in battery case)
- · 2x Adjusting pin
- 1x Screwdriver
- 1x Plumb bob
- 1x Rain cover
- · 1x Carrying case
- · Instruction manual

Technical specifications



ETH-300 Series	ETH-302	ETH-305	ETH-310	ETH-320
Vertical axis				
	single axis			
Compensator				
	Yes		No	
Water Resistance				
	IPX 4			
Sensitivity of Vials				
Plate Vial	30"/ 2 mm		40" / 2 mm	
Circular Vial	8' / 2 mm			
Warning Buzzer				
	Yes			
Optical Plummet Tele	sc.			
Magnification	3 x			
Focus Range	0.5 m ~ ∞			
Power Source				
Туре	4 x AA Dry Battery			
Operation Time	Alkaline 30 hrs./ (NiMH 15 hrs)			
Ambient Temperature				
	-20°C - + 50°C			
Size and Weight				
Body	W 168 x H 330 x L 158 mm			
Weight	4.6 kg / 10 lbs. 2 oz			
Detachable tribrach				
	Yes			