



## ***SURVEYING INSTRUMENTS***



***New***

### ***TOPCON Electronic Digital Theodolite DT-209 Series***

The TOPCON DT209 digital theodolite simplifies layout and positioning jobs while maintaining speed and accuracy 9"

The new theodolite features cutting-edge power-saving technology and the industry-leading dust & water protection rating.

- Extremely low power consumption on 4 AA batteries
- Waterproof and Dustproof (IP66)
- 1 LCD Display Reading 5"



## Model : DT-209 Electronic Digital Theodolite

### Telescope

Length	149 mm (5.9in )
Objective aperture	40 mm (1.6in.)
Magnification	26 x
Resolving Power	3 "
Image	Erect
Field of view	1°30' 26 m / 1,000 m
Minimum focus	0.9 m (3.0ft.)
Stadia	Multiplication constant : 100 , Additive constant : 0

### Angle Measurement

Method	Absolute Rotary Encoder Scanning
Detecting Horizontal	Single
Minimum Reading Angle	5" ( 2 / 5 mgon )
* Accuracy Standard 18732	9"
Circle diameter	71 mm (2.8 in )

### General

LCD Display	1 LCD Display 7 Digits x 2 lines , backlight
Optical Plummet	Magnification : 3 x Field of view 3° , Minimum focus : 0.5 m ( 1.64ft.)
Sensitivity Plate level	60"/2mm
Sensitivity Circular level	10"/2mm
Tribrach	Fixed
Operation temperature	-20 to + 50°C ( -4 to +122°F )
Dust and Water Protection	IP66 ( IEC 60529 : 2001 )
Power supply	AA Batteries x 4

### Standard accessories

AA batteries(x4) Plumb bob , Tool kit ,Operation's Manual ,Carrying case , and shoulder strap.



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Your Local TOPCON dealer is : Digital Line Company Tel:0-2977-1036-7 <http://www.surveyinstru.com>