



TOPCON

SURVEYING INSTRUMENTS



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 | Ratio : 100 | Constant : 0 |

Angle Measurement

| | | |
|---------------------------------|----------------------------------|--|
| Method | Absolute Rotary Encoder Scanning | |
| Detecting Vertical & 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.



TOPCON CORPORATION 75-1 Hasunuma-cha , Itabashi-ku , Tokyo 174-8580 , Japan

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