



# EQUIPOS Y ESTUDIOS CIA LTDA

"Cultura tecnológica de soporte a la ingeniería"

[www.equipoesyestudios.com](http://www.equipoesyestudios.com) \* (505) 2249 0311 \* [ventas@equipoesyestudios.com](mailto:ventas@equipoesyestudios.com)



## Total Station Topcon series GTS 250

Unmatched value, performance and quality!

The GTS-250 series combines Topcon's tradition of rugged field-ready quality and accuracy and places it in an economical, compact design perfect for everyday measuring and positioning applications.

Meeting or exceeding the precision and durability of most competitive high end models, Topcon's GTS-250 provides construction professionals and surveyors performing construction layout with a dedicated solution.

The on-board software makes it easy to rapidly shoot points for quick adjustments or resets. For more advanced layout tasks use your GTS-250 with any of Topcon's field controllers running MAGNET™ software.

- Economical, value priced measuring solution
- Rugged, durable, water resistant design (IP54)
- Two accuracies from which to choose: 2" and 5"
- Dual-axis compensation
- Onboard programs and 24,000 point data storage
- Ideal as a construction stakeout total station



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## Technical Specifications:

Telescope

Length	150 Millimeters
Objective Lens Diameter	45mm (EDM:50mm)
Magnification	30x
Image	Erect
Field of View	1°30
Resolve Power	3 "
Min. Focus Distance	1.3 meters

## Measurement Range

1 Prism	6560 ft, 2000 meters
3 Prism	8856 ft, 2700 meters

## Measuring Accuracy

Prism Mode	$\pm(2\text{mm} + 2\text{ppm} \times D)\text{m.s.e. fine, N/A}$
Measurement Time	1mm: 1.2sec. (Initial 4sec.) fine, 0.2sec. (Initial 3sec.) coarse, N/A

## Angle Measurement

Method	Absolute Reading
Detection	2 horizontal, 1 vertical
Minimum reading	5"/1", 1/5 mgon

## Tilt Correction

Type	Automatic Vertical and Horizontal compensator
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Method	Liquid surface reflective profile sensor reading type
Compensating Range	±3'
Correction Unit	1 arc sec, N/A
Computer Unit	
Display	2 screen, dot matrix graphic LCD display
<b>Power</b>	
Approximate battery life	9 hours including distance measurement , 40 Angle measurement only
<b>Durability</b>	
Protection against water and dust	IP54
Temperature	-20 to 50 degrees C (-4 to 122 degree F)
Weight	Instrument 4.9KG (10.8lb)