





## Small Beginnings, Big Results

- Fast and powerful EDM
- Angle accuracy 2 and 5 sec
- 15 hour battery life
- Rugged, waterproof design
- Dual axis compensation
- Laser pointer
- RS232 connector

Telescope	
Resolving Power	2.5"
Magnification	30x
Angle Measurement	
ES-52	2"
ES-55	5"
Compensation	Dual Axis Compensator
Distance Measurement	
Prism EDM Range	4,000 m
Prism EDM Accuracy	2 mm + 2 ppm
Non-Prism Range	350 m
Non-Prism Accuracy	3 mm + 2 ppm
Measuring Time	Fine: 0.9 sec Rapid: 0.7 sec Tracking: 0.3 sec
Communications	
RS-232C Serial	
General	
Display / Keyboard	ES-52: Dual LCD ES-55: Single LCD
Battery Operation	Up to 15 hours
Dust/Water Rating	IP66
Operating Temp	-20°C to 60°C

### Historical evolution meets modern technology

A newly designed, rugged, and waterproof optical total station with the convenience of also measuring reflectorlessly to any surface, the ES-50 incorporates all time-honored expectations and more.

Available in either a 2 or 5 arc second accuracy, the ES-50 is ideal for land surveying, topography, construction layout, foundation and exterior job sites, as well as as-built projects.

Proceed as planned knowing that each compact and rechargeable battery delivers up to 15 hours of project site productivity. Proven dual axis compensators get it right the first time, while a tight waterproof design lets you rest easy during unexpected weather changes.

For interior or exterior construction layout projects, a bright laser pointer vividly shines to precisely denote where your next digital design will be – visualize and check for problems before they become problems.

With an eye on safety, the unit has a smaller beam width than other non-prism instruments in this class, resulting in non-prism measurements out to 350 m.



For more information:  
[topconpositioning.com/es-50](http://topconpositioning.com/es-50)

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7010-2201 A 2/16

