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Trimble Distributor Confidential

Trimble TS215 Total Station

The Trimble Building Construction Business Area announces the release of the Trimble® TS215 Total Station.

The new Trimble TS215 is designed by Trimble and Nikon with user-friendly onboard software that adheres to the basic workflow processes and terminology of layout and general contractors. It is an affordable option for users who want a high performing mechanical total station to conduct their two-person building construction layout functions, including:

- Measuring angles and distances
- Turning to specific angles
- Setting out angles and distances
- Laying out building lines
- Setting point locations for concrete form placement
- Setting anchor bolts
- Establishing excavation lines



The TS215 is also scalable, and when connected with the optional Trimble LM80 controller, it offers full construction layout capabilities, graphical display, and blueprint entry.

TS215 Total Station Features & Benefits

In addition to the above layout functionality, the TS215 offers:

Feature	Benefits
Highly reliable and proven design	Excellent performance in the field under the most challenging construction environments
Affordability	Includes onboard layout programs with additional capabilities when connected to a data collector, making it a high performance total station at an affordable price

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Works like a digital transit with an electronic tape measure	Field personnel are up and running immediately, minimal learning curve.
Works with 4 AA rechargeable batteries	Convenient power system. Always working – no down time due to unit not being charged
Accurate distance and measurement capability with a simple interface	Contractors can now take control of their own layout needs without relying on a third party
Can be serviced by any qualified Trimble or Nikon dealer	Trimble and Nikon offer the world's largest and most capable service network

Specifications & Applications

Key specifications of the TS215 are given below:

TS215 Instrument Overview	
Magnification	33x
Measuring Range - mini prism	1,200 m (3,930 ft)
Distance Measuring Accuracy (precise)	$\pm(3+2 \text{ ppm} \times D)$ mm
Angle Accuracy -DIN 18723 (horizontal & vertical)	5"/1.5 mgon
Compensation	Single-axis
Display	Single side - graphic LCD (128 x 64 pixel)
Keyboard	7 button - 3 softkeys
Battery Type	4x AA Ni-MH Battery
Battery life	approx 6 -15 hours
Dust and water protection	IP55
Communication ports	1 x serial (RS-232C)
Operating Temperature Range (Ambient)	-20 °C to + 50 °C (-4 °F to 122 °F)

Making the TS215 a world-class solution for the following layout applications:

Applications	
Point to Point Distance Measurement - Continuous	Yes
Point to Point Distance Measurement - Radial	Yes
Layout to a Point	Yes
Reference Line Measurement	Yes

Ordering Information

The Trimble TS215 Total Station is available immediately through the Trimble Building Construction distributor network.

Please use the below part numbers when placing orders:

Part Number	Description
TS215-00	TS215 (No Batteries or Charger)
TS215-10	TS215 with US Batteries and Charger
TS215-11	TS215-10 with LM80-40 and Cable
TS215-12	TS215-11 with LM80 Desktop
TS215-20	TS215 w/ Battery & Universal Charger*
TS215-21	TS215-20 with LM80 and Cable
TS215-22	TS215-21 with LM80 Desktop

* Includes all power cables for various countries outside United States

Note: User will save \$625 or €635 by purchasing the TS215/LM80 Bundle Kit instead of items sold separately.

Service

The Trimble TS215 is serviced through the Trimble Service Network.

Availability and Additional Information

For additional information about the Trimble TS215 Total Station, please visit the Building Construction Partners website at <http://buildingconstruction.trimble.com/> or contact your Regional Sales Manager.