

Everything You Need For Efficient Surveying Campaigns

**Choose the Trimble Robot That Best Meets Your Needs
Choose either the S3/S6/S8 or VX Models based on your needs**

S3 Total Station

An accurate and reliable instrument, integrated robotic radio and popular Trimble TSC3 data collector (or fixed control unit for Servo and Autolock versions) with your choice of field software, integrated high capacity battery and dual charger and prism.

The Trimble TSC3® controller included in this solution, is one of the most trusted and reliable data controllers and works with your choice of Trimble Access, Trimble Survey Controller or Trimble Survey Manager.

Available in 2/5 second angle accuracy models, distance range up to 8200 ft. to a single prism, laser pointer and more!

S6 Total Station

Offering advanced MagDrive technology (as do S3/S8/VX models) for breathtaking speed. It takes the work out of conventional servo or robotic surveying. Upgradeable from Servo to Autolock to Robotic.

Capable of changing face at lightning speed the S6 will keep pace with your every need.

Performance features such as Trimble DR effectively doubles reflectorless range, Trimble SurePoint™ — the instrument automatically compensates for minor movements from wind, weather and sinkage, intelligent tracking systems including Trimble GPS Search, MultiTrack Target and Target ID eliminate lost time due to lost targets.

Available in 1,2,3,5 second angle accuracy models, distance range up to 8200 ft. to a single prism and more!

S8 Total Station

The S8 provides a broad base of standard inclusions and configuration options for unmatched flexibility.

With Trimble VISION™ you can see everything the instrument sees without a trip back to the instrument. Select targets with just a tap of the screen. Measurements are drawn to the video image so you can be certain to never miss a shot you need. Easily recall what was at the scene.

Especially designed for use with the Trimble S6/S8 and the latest Trimble GPS Systems

TSC3 offers a handheld factor and an integrated 2.4 GHz radio for robotic operation.



With the exceptional EDM range of Trimble DR Plus™ inside, you can extend your reach on the job for fewer setups and more measurements. Also, featuring Trimble FineLock™ technology which allows the instrument to detect targets without interference from surrounding prisms.

1 second angle accuracy and a distance range of up to 8200 ft. and more!

VX Spatial Station

Capture and combine scanning, imaging and surveying deliverables with the singular solution designed for surveyors. Integrating the technologies of advanced optical surveying, metric imaging and 3D scanning, the Trimble®VX™ Spatial Station is the only surveying instrument that does it all and does it with ease.

Trimble VISION™ gives you the power to see everything the instrument sees. Direct your work with live video images on the controller. Now you are free to capture measurements to a prism or reflectorless surface with a point and click.

With the ability to capture metric images with the Trimble VX in the field, you are also able to make additional measurements and attribute the data back in the office. Advanced 3D models and image rendered 3D surfaces are within your reach with the rich data delivered by Trimble Spatial Imaging sensors and the powerful workflows of Trimble RealWorks™ software.

For more information on the VX and other Spatial Imaging products from Trimble – such as the GX 3D Scanner please feel free to contact us at 1-800-833-9250 or your local branch office.

In selecting your Trimble Robot you have a number of accessories from which to build your system –

These accessories include:

- Prisms, reflectors and prism accessories
- Batteries, battery chargers, power supplies and power accessories
- Cables
- Tribrach and traverse accessories
- Transport and accessory cases
- Optical accessories – such as sunfilter, 90 degree eyepiece etc.
- Data Collector options – external TSC3, Tablet or CU controller with accessories for both.

Please speak to your local sales representative as to the accessories best suited to meet your needs to complete your Robotic Total Station setup.



Call for pricing and additional information on the Trimble S3/S6/S8/VX Robots

Nikon Nivo Total Stations

Available in two exciting lines – The Nivo C Series and Nivo M Series

Compact in size and lightweight, they are convenient to carry over long distances. All Nivo models are supported by Nikon high clarity optics, allowing for clearer images in bright and low light conditions.

The C Series is designed with a feature-packed Windows® CE touch-screen interface. Field application software functions are supported by the world class Spectra Precision® Survey Pro™ field software for all your surveying or construction needs.

BASIC SPECS –

- Angle accuracy 1", 2", 3" or 5" models
- 30x Telescope w/1.5 Meter minimum focus
- Distance Reflectorless mode – 4.9 to 984 ft. (KGC 90%)
- To single prism – 1" / 2" 9,843 ft. / 3" / 5" 16,404 ft.
- Dual Axis
- Integrated Bluetooth
- Optical Plummet – Laser Plummet is optional
- Dual Displays
- Dust and Water Protection IP66
- Weight Appr. 8.6 lbs.
- 2 Batteries
- 2 Year warranty
- And more – contact us for additional specifications



Nivo C Series

The M Series combines simplicity and quality in perfect harmony. Same size and weight as C Series for ease in carrying over long distances.

M Series uses a field proven Nikon interface and field software that is quick and easy to learn or an external data collector via cable or the integrated Bluetooth.

BASIC SPECS –

- Angle accuracy 2", 3" or 5" models
- 30x telescope w/1.5 Meter minimum focus
- Distance Reflectorless mode – 4.9 to 984 ft. (KGC 90%)
- To single prism 2" 9,843 ft. / 3" / 5" 16,404 ft.
- Dual Axis
- Integrated Bluetooth
- Optical Plummet – Laser Plummet is optional
- Single Display on 3 and 5 second models, 2 second model dual displays
- Dust and Water Protection IP66
- Weight Appr. 8.6 lbs.
- 2 Batteries
- 2 Year warranty
- And More – contact us for additional specifications

CALL FOR PRICES

- HNA30280B – 2" Model
- HNA30350B – 3" Model
- HNA30550B – 5" Model



Nivo M Series

Nikon DTM-322 Total Station

An economic, versatile and easy to use platform from Nikon. Same great optics as the Nivo Series, this unit is fast, rugged and works off of AA batteries or rechargeable batteries. Allows you to stay in the field and get your jobs done!

BASIC SPECS –

- Angle accuracy 3" or 5"
- 33x Telescope
- Distance to a single prism – 6,560 ft. – Shoots to a prism, "NOT" Reflectorless
- Single Axis
- Single Display
- Dust and Water Protection IP55
- Optical Plummet only
- Weight 10.6 lbs.
- 2 Year warranty
- And more – contact us for additional specifications



DTM-322

Nivo Accessories

		List
6720101SPN	Li-Ion Battery	\$ 95.00
HQJ27000	Dual charger	\$250.00
HQJ28000	AC Adapter for HQJ27000 Charger	\$250.00
HED14001	Diagonal Eyepiece	\$650.00
HXA20579SPN	Solar Filter	\$265.00
HWB20005	Optical Plummet Tribrach	\$460.00

DTM-322 Accessories

HQH302UU	AA Battery and Charger Set (unit does not come w/this kit)	List \$210.00
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12 month extended warranties also available for the Nivo Series/DTM322 Series

Spectra Precision Focus 8 Total Station

The Focus® 8 total station offers the power of a windows CE operating system and world class Spectra Precision Survey Pro field software combined with clear-to-view quality optics, smart design, and superior components. Both prism and reflectorless measurement capable.

Has intuitive Survey Pro on-board software and a large display with touch screen technology that makes data management simple. Units come standard with optical plummet which can be upgraded to laser plummet. Full alphanumeric “pop-up” keyboard allowing users to enter data quickly and accurately.



BASIC SPECS –

- Angle accuracy of 2" or 5" models
- 30x telescope
- Distance Reflectorless mode – 4.9 to 984 ft. (KGC 90%)
- To single prism – 4.9 to 9,843 (2") or 16,404 ft (5") Dual Axis
- Supports Bluetooth w/ Ext. Collector
- Optical Plummet – Laser Plummet is optional
- Dual Displays
- Dust and Water protection IP66
- Weight 8.6 lbs. w/o battery
- 2 Year warranty
- 2 Batteries
- And More – contact us for additional specifications



CALL FOR PRICES

HNA33230 – 2" Model • HNA33500 – 5" Model

Spectra Precision Focus 6 Total Station

The Focus® 6 total station is a fast measuring instrument with both reflectorless and prism capability. Complete with intuitive on-board software or great with either a Ranger or Nomad data collector with Survey Pro software.



BASIC SPECS –

- Single Display
- 30x telescope
- 2 Batteries
- Dual Axis
- 2 Year warranty
- Weight 8.4 lbs. w/o battery
- Angle accuracy of 2" or 5" models
- Dust and Water Protection IP66
- Optical Plummet – Laser Plummet is optional
- Distance Reflectorless mode – 4.9 to 984 ft. (KGC 90%)
- To single prism – 4.9 to 9,843 (2") or 16,404 ft. (5")
- And More – contact us for specifications



CALL FOR PRICES

HNA33280 – 2" Model • HNA33550 – 5" Model

Focus 6/8 Accessories

		List
6720101SPN	Li-Ion Battery	\$ 95.00
HQJ27000	Dual charger	\$250.00
HQJ28000	AC Adapter for HQJ27000 Charger.....	\$250.00
HED14001	Diagonal Eyepiece.....	\$650.00
HXA20579SPN	Solar Filter	\$265.00
HWB20005	Optical Plummet Tribrach	\$460.00

Spectra Precision Focus 30 Total Station

The Focus® 30 total station is a Robotic instrument. The speed of observation and precise positioning is provided by patented StepDrive motion technology. StepDrive controls the horizontal and vertical motion of the motors, so there is no need for traditional motion locks.

The Focus® 30 includes a tracking sensor that uses LockNGo tracking technology enabling the instrument to constantly lock onto the prism. The communication link is an integrated 2.4 GHz radio modem, as can the Ranger data collector. This provides interference free robotic data communications.

The Focus® 30 robotic solution is best described as Simply Powerful. Packaged in a modern, sleek and streamlined design, it is easy to use, affordable and tough. For more information this product please give us a call and we will be glad to help you.



BASIC SPECS –

- Angle accuracy of 2", 3", 5"
- 31x telescope
- Distance to single prism – 9,840 ft.
- Distance Reflectorless mode – 1,640 ft. (KGC 90%)
- Laser pointer
- Dual Axis
- Optical Plummet
- Dust and Water protection IP55
- Instrument weight 12.1 lbs.
- Wireless communication – Bluetooth And much more!

For more information on the Focus 30 please call our toll free number: 1-800-833-9250.

CALL FOR PRICES

SUMR30002 – 2" Model • SUMR30003 – 3" Model
SUMR30005 – 5"

Construction Positioning Systems

Trimble offers a portfolio of construction positioning solutions specifically designed to meet construction layout and measurement needs. Whether the projects are commercial or residential, these powerful tools let you take control so you can perform your layout tasks more efficiently.

**Nomad
LM80-80
Layout
Manager**



The RTS555/633/655 Robotic Total Stations are designed specifically for the construction market and offer easy, one-person operation for all your layout needs.

TS835/TS635/TS215 Series – Feature large graphical displays and alphanumeric keypads. On board programs let you quickly enter information for efficient equipment use.



These easy to use construction products offer outstanding features – fast, flexible, accurate and cost effective – and share many of the same benefits.

Products include –

- *Nomad LM80-80 Layout Manager*
- *RTS555/633/655 Robotic Total Stations*
- *TS835/TS635/TS215 Mechanical Total Stations*
- *LM80 Desktop Software*
- *Trimble Point Creator Pro Software: Simple, native CAD software*

These Trimble products allow you to do –

Layout of Control Points

Handle control points – on or offset to construction lines – faster and more cost effectively than using a third party.

Layout of Excavation Lines

Layout all lines from one reference location with no string lines, transits or theodolites. No need to set up over each control point, making systems much faster and easier to use.

Checking or Tying into Property Boundaries

Forget using tapes or a third party when tying into boundaries by using the LM80-80 to make minor adjustments to the building position as needed without waiting or paying large fees.

Layout of Concrete Forms and Anchor Bolts

Layout by tying into any two control points. The application software makes this process simple even for even novice users.

As-Built Checks

Check reference lines and dimensions faster, easier and more precisely. Direct reflex capabilities even allow one person operation on As-Built checks.

Layout of Control Lines on Concrete Pad for Subcontractor Use

Faster and more accurate than with tapes and optical products. Easy to work around obstructions and there's no need to set up on each line.

Light Topographical Measurements

For applications such as cut/fill. Increase your speed and cut costs by measuring in 3D.

Nomad LM80-80

Allows you to enter blueprint dimensions into LM80 to build a digital replica of your project and a portable reference of your project. Use with your total station making it ready for the building layout based on your blueprint. Will graphically guide you through your building layout.

LM80 Desktop Software

Is designed for the contractor using the pocket sized LM80 Layout Manager for their layout applications. Ideal companion for anyone with very large or complex drawings.

Trimble Point Creator Pro Software

As the construction industry continues to push the utilization of BIM practices for cost savings, overall efficiency and project data collaboration, Trimble Point Creator Pro fills the need of being able to create 2D and 3D points directly within a robust CAD environment – and then easily share with field layout software/controllers.

For your ability to work more independently with greater control of your projects choose the Trimble Construction Positioning System that best meets your needs. Please call for more information and a demo of these Trimble products.