

THE TRIMBLE TOOLBOX



THE POWER OF ONE.

One surveyor.

One system.

One source.

THE POWER OF ONE.

[ONE SURVEYOR. ONE SYSTEM. ONE SOURCE.]

ALL THE BEST TOOLS. ALL IN ONE PLACE.

The information age is placing a whole new set of demands on the 21st century surveyor.

Computer-aided design and construction methods require new kinds of positioning information, delivered in a staggering variety of formats and protocols. At the same time,

the pressures of today's schedules and budgets mean you've got to work faster and with smaller crews than ever before. If you want to be competitive you can't waste time

fiddling with cumbersome equipment, confusing interfaces, or complicated software.

That's why we brought together the two "prime movers" of surveying technology, Trimble and Spectra Precision, into one "super" company.



one system

Trimble and Spectra Precision combined bring you the most complete and most integrated set of surveying tools in the world. We call this unified product offering "The Trimble Toolbox" — a toolset that will give you the power to handle any challenge that comes your way, and the flexibility to work the way you want to work. All supported by a single global company, with a single goal: making you the most productive surveyor you can be.

TOOLS FOR THE FUTURE. FROM A LONG TRADITION OF INNOVATION.

When you build your equipment inventory from the Trimble Toolbox you know you're getting the best tools modern technology has to offer. After all, Spectra Precision invented the first EDM, the first automatic level, and the first robotic total station. And Trimble developed the first commercial GPS receiver and the first real-time kinematic GPS survey system. Now, with the largest combined engineering staff of any survey equipment company in the world, we're creating the standards others will follow.

But technology alone is not enough. You need tools that work together, that interface with each other, and that speak your client's language. Which is why everything from the Trimble Toolbox is designed to be compatible and "interoperable." And why our office software seamlessly translates your positioning data into virtually all popular CAD, GIS and survey formats.

When you buy a Trimble product you're not just acquiring an instrument, you're adding a partner. Because wherever your work takes you, you're backed by a professional support network that spans the globe. At Trimble we're not only innovating survey technology, we're developing new ways of servicing and supporting that technology too.

THE TRIMBLE BRAND
NOW INCLUDES
GEODIMETER® AND
ZEISS GEODETIC SYSTEMS

one source

NEW TOOLS.

[ADVANCED TRIMBLE TECHNOLOGY]

innovation across the spectrum

[GPS TOTAL STATION SYSTEMS]

[eRTK]

[GPS GIS]

[DIGITAL LEVELS]

[FIELD SOFTWARE]

[GEODETIC SOFTWARE]

[SURVEYING SOFTWARE]

[DESIGN SOFTWARE]

[MECHANICAL]

[SERVO]

[AUTOLOCK]

[ROBOTIC]

[DR/DR200]

TOTAL STATIONS

The **Trimble Toolbox** provides targeted tools for every facet of modern surveying. We've applied powerful new technologies to the practical needs of real-world surveyors working in harsh environments. And because all of our instruments and software are designed and built by Trimble they communicate seamlessly. Productivity, reliability, and interoperability are the cornerstones of the **Trimble Toolbox**.



GPS Total Station® 5700 A modular GPS system that's just as comfortable bringing in first-order control points as it is scrambling down rocky slopes collecting real-time kinematic data. It's smaller, lighter, and more accurate than anything we've ever offered and it comes standard with our new eRTK™ technology.



eRTK GPS System For the ultimate in convenience and portability all the components for a complete real-time kinematic GPS system can be mounted on our lightweight range pole—putting everything you need to perform centimeter-accuracy measurements in one place.

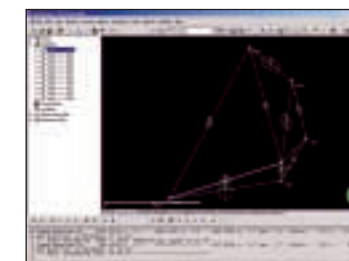


DINI® Digital Level Dramatically increase your productivity in the field and the office with digital capture of high accuracy, error-free data. The system features automated bar-coded staff reading, digital level data capture with point and level run computation and adjustment.



Geodat™Win
TSCe

Advanced Graphic Controllers Our rugged lightweight controllers let you survey directly onto your DTM with model update and real-time cut and fill calculations. They handle both GPS and conventional instruments interchangeably and seamlessly exchange data with Trimble office software. TSCe even runs Windows CE programs for complete versatility.



Trimble Total Control™ Software provides advanced geodetic control and GPS processing for control surveying, photogrammetry, research, education, and scientific applications. It supports raw data from all major instrument manufacturers and can incorporate GLONASS positioning information.



Trimble Geomatics Office™ Software Quickly process baselines, and generate sub-centimeter positions from mixed GPS and terrestrial observations. Can accept data from, and output data to, over fifty data formats, including virtually all popular survey, data collector, GIS, and CAD formats.



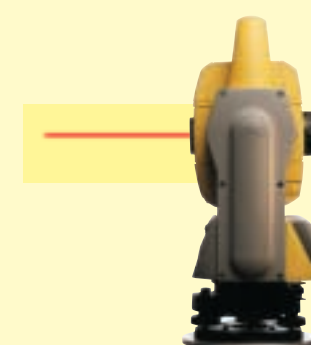
Terramodel Design Software Trimble's Terramodel software provides a complete stand-alone design software solution, capable of site, earthwork, road, and sewer design. Seamlessly communicates with all Trimble instruments.



3000 Series Our mechanical total stations are one of the most cost-effective ways to gather high-accuracy 3D positioning data. The 3000 series offers rugged field-tested construction, powerful on-board data collection software, and a long list of productivity-enhancing features.

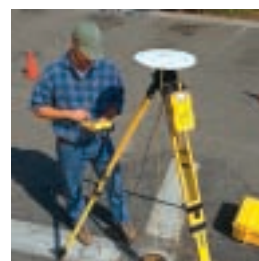


5600 Series The 5600 series robotic total station enables true one-person surveying. Operation from the point of detail ensures accuracy and efficiency. Eliminate the "guess and check" routine of conventional stakeout by letting the controller guide you straight to the point.

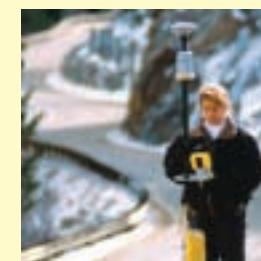


DR200+ Technology This innovative reflectorless technology allows precise measurements to white objects up to 600 meters away or Kodak Grey objects up to 200 meters. And if you use a prism the range is 5.5 kilometers! Now you can survey objects that are impossible to get to.

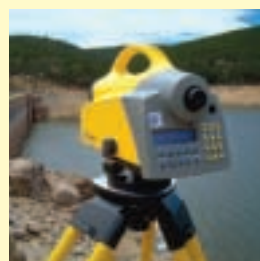
With the **Trimble Toolbox** you've got everything you need to move from concept to completion faster than ever before. A single graphic controller handles all of your instruments, from mechanical and robotic total stations to RTK GPS receivers. You can change instruments on the fly and the controller automatically combines and correlates the different measurements into a single unified dataset. That information transfers seamlessly to your office computer for automatic processing. When you're ready to return to the field, you can load your entire DTM into the controller giving you the flexibility to change your stake-out workflow if local conditions dictate.



Control Bringing in control with GPS is radically faster than with conventional instruments. It doesn't require line of sight and you don't need a big crew. Trimble's advanced receiver and antenna technologies work to minimize your observation time and maximize the quality of your data.



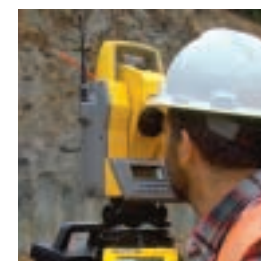
Real-Time Kinematic Surveying With our new extended RTK (eRTK) technology one base station can serve an unlimited number of rovers over an area up to four times larger than conventional RTK. And with a measurement latency of only 0.02 sec, you can make centimeter-accuracy measurements without stopping.



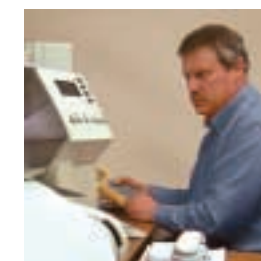
Monitoring Use our digital levels, conventional total stations, or real-time GPS networks to automate the process of monitoring and analyzing the movement of surfaces or structures. Trimble systems are optimized for automated repeat measurements with little or no human intervention.



Integrated Surveying™ Combine GPS and conventional total station surveying to cover every situation. Switch instruments on the fly and the TSCe controller automatically changes its display format and combines measurements.



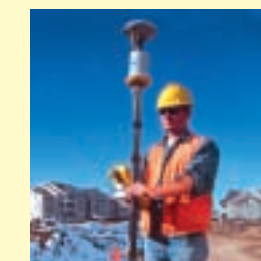
Direct Reflex Surveying With Direct Reflex (DR) surveying you don't have to bring a reflector to the object you want to survey, which means you make precise measurements to points that were previously difficult or dangerous to reach. Points on buildings, roads, railways, tunnel walls, private land, mine voids and quarry faces are all fair game now.



Data Processing With Trimble Geomatics Office software you work within a single software environment for all data reduction, computation, adjustment, topographic detailing, and QA/QC. Create topographic plans and use them directly within Trimble Terramodel design software or export them to virtually all popular design packages.



Design and Prepare Surface modeling, volumetric analysis and design all within a single software environment. Import design data from third party software applications and convert it automatically for setting out or machine control.



Stakeout Use servo, robotic or GPS Total Stations interchangeably for stakeout. Store the complete 3D project plan in the TSCe controller and stakeout single-handedly. The controller guides you to each point and automatically calculates a cut or fill.



Construction Measurement Stakeout points as coordinates or with reference to lines for buildings and utilities. Perform "as-built" surveys as you stakeout. Full QC and reporting features are built-in.



As-Built Surveys Finished plan, level checking and stakeout QC are standard features of Trimble surveying systems.

[CONTROL]

[MEASUREMENT]

[DATA PROCESSING AND DESIGN]

[STAKEOUT]

[COMPLETION]

NEW WAYS OF WORKING.

[INTEGRATED SURVEYING. SEAMLESS DATA FLOW]

productivity at every phase

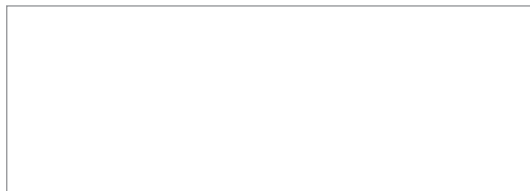
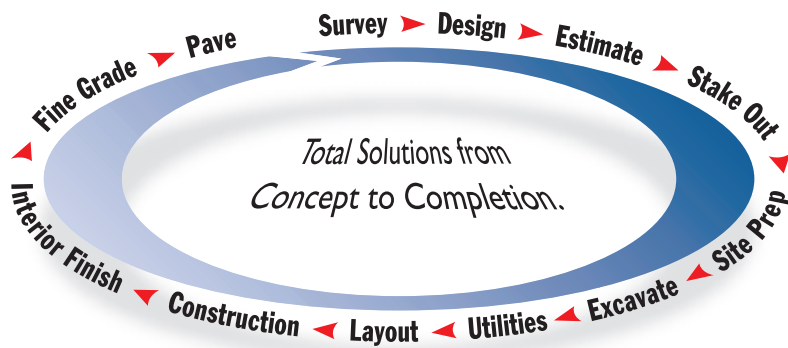
**TRIMBLE.
THE WORLD LEADER IN INTEGRATED SURVEY SOLUTIONS**

In the 20th century, Geodimeter, Trimble, and Zeiss revolutionized the world of surveying—with the first automatic level, the first EDM, the first Robotic Total Station, the first commercial GPS receiver, and the first Real-Time Kinematic surveying system.

Now in the 21st century, the new combined force of Trimble is bringing that same pioneering spirit to bear on practical solutions for the new challenges that will face the surveyor in the new millennium. We're closing the gap between field and office with integrated products that offer real-time data management, real-time data exchange, and real-time quality control—from Concept to Completion.

The new Trimble Toolbox offers the most comprehensive survey toolset in the world. With sales and support facilities around the globe, all interconnected with advanced global communications technology, we're ready to provide expert support anywhere your work takes you, 24 hours a day.

Welcome to the 21st century.



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