

Trimble Rapid Positioning System

WE DON'T MEAN TO DISRESPECT YOUR TAPE MEASURE, BUT THERE'S A BETTER WAY TO POSITION YOURSELF ON THE JOB SITE. MEET THE TRIMBLE RAPID POSITIONING SYSTEM.

It's the newest essential tool in the construction toolbox. Created especially for common layout jobs on the construction site, it's got everything you need to measure positions faster, more easily, and more accurately.

Your New Toolbox Essential

The Trimble RPT600 Layout Station with Trimble Field Link 2D software measures distances and finds positions on the construction job site. It's a tool that Trimble has designed and engineered—from scratch—to meet all your unique layout needs for:

- Floors
- Walls and ceilings
- Formwork
- Decking
- Plumbing
- Electrical
- Concrete slabs
- Mechanical
- More

It's packed with innovative features, but only those you'll find invaluable. And whether your projects are big or small, the Trimble Rapid Positioning System puts Trimble quality and accuracy at your fingertips.



The Trimble RPT600 Layout Station is controlled by Trimble Field Link 2D software on a rugged tablet computer.

Key Features:

- **Increase productivity:** Save time so you can finish jobs faster.
- **Trimble Accurate:** Achieve results you can hang your reputation on.
- **Easy to use:** Anyone on your crew can use it, from the most to the least experienced.
- **Versatile:** With paper plans or digital designs, the RPT600 meets the unique demands of every job.

Purpose-Built for Construction Layout

- **Twin handles:** Ceiling layout demands a tool that will go straight up. The RPT600's delivers 300° of tilt for easy overhead measurements.
- **Compact and convenient:** Customized for construction layout jobs it's small and compact.
- **No eyepiece in sight:** See what the instrument sees right on the controller. Point, visualize, and position the instrument from wherever you happen to be standing.
- **No tribrach:** Instrument leveling can be frustrating, difficult, and time-consuming; Trimble engineered the RPT600 to eliminate this step completely!
- **Long-life batteries:** Work all day without worrying about your batteries running out.
- **A Rugged Controller:** Easy-to-use Trimble Field Link 2D software runs on a Windows-based tablet with a tough case built for the job site.
- **Green laser:** The highly visible laser dot lets you measure without a prism on a wide range of surfaces.



A Smarter Way to Work

The Trimble RPT600 does the work for you! It automates the measuring of distances and angles, so it finds positions faster and more accurately than a tape measure. For most building construction jobs, it's also faster and more efficient than a total station, because it's specifically designed to make layout projects easy. It doesn't include features for you to adapt to, or work around...or pay for.

Smart One-Button Setup with Autostationing

No matter where the tool is placed, setup is fast and automatic. Set the RPT600 on a tripod or attach it to a stationary element on the worksite. Trimble Autostationing technology lets the system self-locate relative to the project you are working on. No leveling required. Just press the green button!

Flexible Targeting and Visual Layout

Control the RPT600 from anywhere—at the station or next to the target. You'll see what the instrument sees through the view finder on your controller.

Leave your rod and prism in the truck? No problem. Trimble's unique Visual Layout method provides an easy-to-see green laser that will point to your measuring spot. This method is fast and can prevent human error.

Intuitive Workflow

The smart Trimble Field Link 2D software guides you through each measurement step from start to finish. This consistent workflow ensures even inexperienced field crew can follow correct procedure every time.

Work with Confidence

The Trimble RPT600 is simple enough for anyone to operate with confidence—its automated functions, one-button setup, and guided workflows are quick to learn. But even though this system is easy to use, it still delivers Trimble quality and accuracy.

Work Directly from a 2D Model or Plan

Trimble Field Link 2D conforms to your business and layout style whether you need to create points and a plan on the job or work directly from a model or 2D drawing. If you're working with traditional construction methods, simply key-in points directly to Trimble Field Link 2D on the controller. Or import points from one of the many data sources that the software supports, including Trimble Field Points, Microsoft Excel, and SketchUp.

Once points are laid out on the job, you can round-trip them back to the original office software to compare with the design.

Quality Assurance

When a job is done, anyone can go back and verify that the work is right—for absolute peace of mind.

Trimble Field Link 2D updates a sortable Layout Deviation Report as you measure. This report provides complete visibility into performed work, and can be shared with critical stakeholders at any time or stage.