



Reliability in Every Dimension

Leica Industrial Theodolites and Total Stations – World-Class Precision in Every Environment

Leica
Geosystems



// MODULAR SYSTEM.

World-Class Precision in Large-Scale Measurement...

Low-Cost Measurement...

No matter your industrial measurement requirements and no matter the task, the Leica Industrial Theodolites and Total Stations give you an outstanding price-to-performance ratio. Flexible and suitable for a wide range of applications, the Theodolites and Total Stations give you a superior performance with certifications that meet any standards.

...World-Class Reliability

For decades, Leica has supplied thousands of Theodolites and Total Stations worldwide – many in the toughest industrial environments imaginable, indoor and outdoor. Their ease of use and capability for one-man operation make them the obvious choice for a

large variety of metrology tasks in the aerospace and construction industries.

Tracker on a Budget

Its ability to locate and track a target makes the TDA5005 perform much like a standard laser tracker. Additional tracker-like capabilities, such as fast and flexible one-man operation, remote control option, along with a measurement volume far above 500 meters, make it an ideal tool for extremely large-part inspection and assembly.

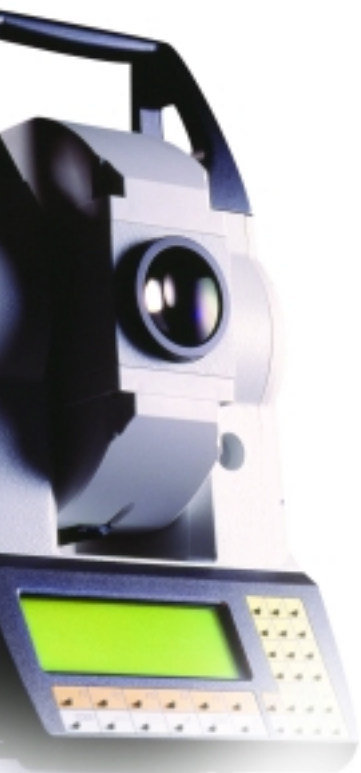
The Industry Standard

The Leica Industrial TM5100A Theodolites bring precision on-site – no matter the environment. With unrivalled precision and superb optics, our Theodo-

lites have become the standard instrument of choice in the aerospace industry for satellite alignment as well as for system and Heads Up Display alignment for combat aircraft.

Modular Flexibility

No matter your requirements, no matter the task at hand, we have the instrument that get your job done. When setting out, a single-instrument system, configured to your specifications, will meet most demands. And when the need arises, the system can be expanded to a multi-instrument system.





CERTIFIED ACCURACY. REMOTE CONTROL. INTEGRATED SOFTWARE - 125931:

Compact Performance from Every Perspective

From large-scale part inspection and assembly applications over rolling stock, roller alignment and mechanical engineering to ship building and steel production, Leica's Industrial Theodolites and Total Stations give you a compact, reliable performance in every dimension – and a new perspective on industrial measurements.

Profitable Comfort

Leica has eliminated the need for manual pointing and touching of the measuring components, enabling fatigue-free pointing for increased accuracy and fully auto-mated inspection tasks.

Their industrial lightweight design makes for fast and easy measurement on-site and provides a minimal

setup time to cut production downtime.

Open Software Support Automation

The Leica instruments' open software architecture allows you to use any control and data software you wish, even as truly simple operator systems with remote control.

Equally efficient with integrated software for off-line data capture, a PC-based analysis tool for online tasks, and links to third-party solutions, the instruments offer full flexibility when it comes to analyzing your collected data.

And with the instruments' capability to program and guide measuring and evaluation procedures, Leica

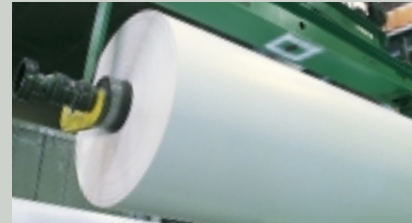
gives you a new perspective in industrial measurement – in all dimensions.

Service and Support

With our network of global service stations and over 130 employees directly dedicated to service and support, you can enjoy local service commitment from a global market leader.

Precision in Perspective

The Leica Theodolite and Total Station technology is the proven result of our 150-year long dedication to innovative and reliable quality and continues to take industrial measurement to new levels. Team up with Leica. We simply give A Wider Perspective in All Dimensions.



Our Leica Total Stations and analysis software are a key element in section assembly monitoring and guidance. In combination with organization and management improvements, our dimensional control systems have increased our productivity by 50%.

Volkmar Schumacher, Mech. Engineer, Flensburger Shipyard (FSG)



Leica Geosystems

Leica Geosystems is a leading developer, manufacturer and distributor of products, systems and software that capture, visualize and process spatial data through the employment of advanced technologies. Leica Geosystems supplies solutions to the varied users of spatial data. In several of these fields we hold the leading position in the world market.

Metrology Division

The Metrology Division offers 3D measurement solutions for any demand in industrial processes, setting new standards for procedures in every major industry.

Using state-of-the-art laser technology, we have made quality control and construction of large objects or small parts easier than ever before and accurate down to a few microns – giving our customers unique advantages and cost savings in every field.

Visit us at
www.leica-geosystems.com/metrology

For an updated reference list and additional addresses, please refer to our web site.

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