

Leica HDS6200

Latest generation of ultra-high speed laser scanner

Max
scan rate
> 1mio points/
second



- when it has to be **right**

Leica
Geosystems

Leica HDS6200

Compact, next-generation, ultra-high speed laser scanner

The Leica HDS6200 unlocks the full potential of ultra-high speed, "phase-based" laser scanning technology for fast, productive as-built surveys. "Next-generation" advances in speed, portability, data quality at range, temperature capabilities and tilt sensor integration all

combine to deliver significantly lower project costs. The Leica HDS6200 lets users profit from the inherent speed advantage of phase-based scanners for a wider range of as-built and site surveys.

Leica HDS6200: The "next-generation" phase-based scanner

Advanced features



Advanced features provide productivity benefits, while also expanding the types of projects where phase-based scanning can be used.

Several advanced features and enhancements in the Leica HDS6200 contribute to its overall technology leadership:

- **Higher accuracy** – high distance and angle accuracy extend the range at which scan data meet project requirements
- **Less noise** – major reductions in scan data noise allow more objects to be accurately modeled to meet a project's precision requirements
- **Higher sensitivity** – the Leica HDS6200 can better detect laser returns from dark surfaces, oblique surfaces, and surfaces further from the instrument
- **Higher scan density** – increases the range at which smaller objects and targets can be accurately modeled
- **Scan speed** – up to 1,016,727 points per second
- **Added context** – the ability to calculate return data out to 79 m can provide added context for the primary high-accuracy, close range data

Fully Integrated for Faster Set-ups

A major breakthrough in the Leica HDS6200 is its full integration: scanner, controller, data storage and battery in a single instrument. Setting up and moving the scanner is fast and easy. Users can operate the scanner from a simple, side touch panel. An optional PDA or laptop with Leica Cyclone SCAN software provide added scanner control and valuable field QA. Wireless LAN (WLAN) is also fully integrated.



Whether you're designing a modification to a complex refinery piping system, surveying a site or documenting a historic building, you need reliable measurements. High-Definition Surveying™ scanning systems and software by Leica Geosystems provide you with exact data of what's there.

When your as-built information has to be right, rely on Leica Geosystems, the company that professionals trust for their scanning solutions. Leica Geosystems is best known for pioneering scanning technology with trustworthy, total solutions: versatile, accurate laser scanners, industry standard point cloud software, and a full complement of accessories, training and support.

Precision, quality and service from Leica Geosystems.

When it has to be right.

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Total Quality Management – our commitment to total customer satisfaction.

Ask your local Leica Geosystems dealer for more information about our TQM program.

Scanner:
Laser class 3R in accordance with IEC 60825-1 resp. EN 60825-1



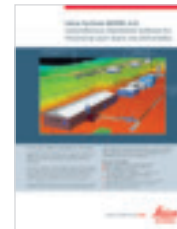
Leica HDS6200
Product information and specifications



Leica ScanStation C10
Product information and specifications



Leica Cyclone SCAN
Product information



Leica Cyclone MODEL
Product information



Leica Cyclone REGISTER
Product information