

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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TQM

Total Quality Management -our commitment to total customer satisfaction.

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

Laser plummet: Laser class2 in accordance with IEC 60825-1 resp.

Scanner: Laser class1 in accordance with IEC 60825-1 resp.



Leica Scanstation C10 Leica HDS6200 Product information and specifications



Product information and specifications



Leica HDS8800 Product information and specifications



Leica Cyclone REGISTÉR



Leica Cyclone



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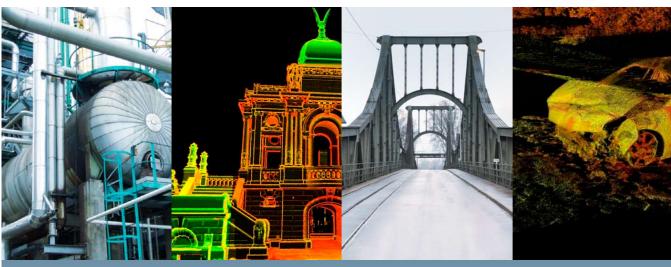




HDS7000 - Ultra-high Speed Laser Scanning for Demanding Professionals

Within the practice of using 3D laser scanners to remotely capture detailed, "as-is" geometry of structures, sites and scenes, phase-based scanners are known for their ultra-high scan speeds and their high level of detail. Adding to this basic speed capability (>1 million points/second), the HDS7000 phase-based scanner provides important "next level" performance features for demanding professionals.

Multiple application areas



Forensic

HDS7000

nan pass

Compact, phase-based, dual-axis compensated, ultra-high speed laser scanner, with survey-grade accuracy, range, field-of-view and laser plummet Onboard control, notebook or tablet PC, PDA Phase-shift Invisible, 1.5 µm 1 (IEC 60825-1) 187 m ambiguity interval 0.3 m minimum range 0.1 mmm resolution ~3.5 mm @ 0.1 m distance (Gaussian-based) < 0.3 mrad Up to 1,016,727 points/sec, maximum instantaneous rate Scan rate Range Black 14% Gray 37% White 80% 10 m¹² 0.5 mm rms 0.4 mm rms 0.3 mm rms 25 m¹² 1.0 mm rms 0.6 mm rms 0.5 mm rms 50 m¹² 2.7 mm rms 1.2 mm rms 0.8 mm rms 100 m¹²³ 10 mm rms 3.8 mm rms 2.0 mm rms Scan resolution 7 pre-set spacings selectable Field-of-View max. 360° x 320° (horizontal/vertical) Angular accuracy 125 µrad/125 µrad (horizontal/vertical) Data storage 64 GB flash drive (integrated), 2 x 32GB USB flash drive (external) Onboard display Touchscreen control with stylus, full color graphic display, VGA (640 x 320 pixels) Selectable on/off, resolution 3.6", measurement range +/- 30', accuracy < 25" Operation: -10°C to +45°C; Storage: -20°C to +50°C IP53 (IEC60529)

All specifications are subject to change without notice.

² Data rate 127000 pts/sec (equivalent to "high resolution, high quality scan), 1 sigma range noise, unfiltered raw data

³ All values extrapolated

Complete Solutions from Leica Geosystems



Software

rom scanning all the way to industry's best training

Active Customer Care