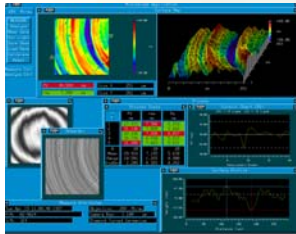


Powerful, Yet Flexible Enough to Meet Your Needs

The NewView™ 7000 Series is powered by ZYGO's comprehensive metrology software package, MetroPro™, providing integrated instrument control and advanced 3D and 2D data analysis and visualization. User-friendly MetroPro includes easy measurement setup, automated control, password protection, data logging and SPC, programmable measurement recipes and scripting, customizable GUI, pass/fail limits and automatic flagging, stitching, data segmentation and histogramming, data masking, dimensional metrology, and more. A full suite of optional software development and processing modules are also available, including machine vision, films analysis, and dynamic metrology, in addition to other specialized applications.



Additionally, ease-of-use and productivity can be maximized using configurable hardware and automation options; including motorized stages, autofocus, and motorized turret and system zoom for reliable and optimized process metrology.

Not exactly sure what features you need today, or what you'll need tomorrow? The NewView 7000 Series offers a full range of options and upgrades to meet your metrology needs and your budget, protecting and growing your investment for years.

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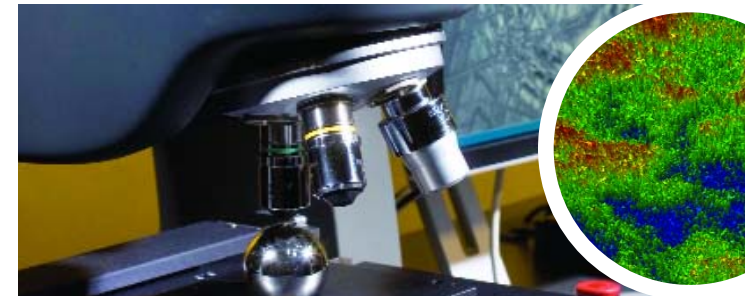
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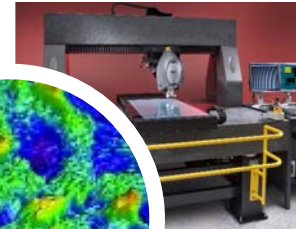
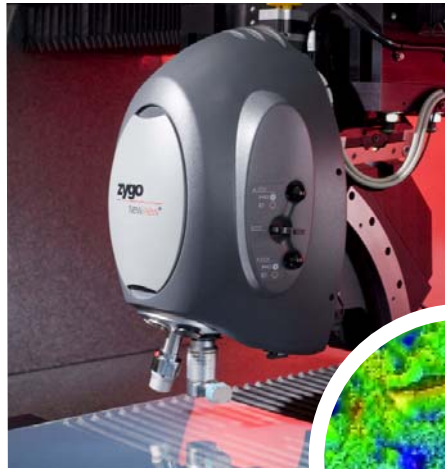
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NewView™ 7000 Series High Performance 3D Optical Profilers



zygo®



**ZYGO NewView™
7000 Series**
Advanced, High
Performance 3D Optical Profilers

ZYGO's NewView series of optical profilers measure and quantify surface roughness, step heights, critical dimensions, and surface topography, with an unmatched speed and precision. Based on noncontact and patented scanning white-light technology, the NewView delivers best-in-class 3D surface metrology for applications in production, QC and leading research. A full suite of 2D and 3D surface analysis tools are available for comprehensive data analysis, visualization, and reporting.

Several models are available to meet most any metrology application and budget requirement — from the high-speed and most capable NewView 7000 series, to the cost-effective and small footprint NewView 600-series. All models offer a complete range of upgrades, options and accessories, protecting and growing your investment for years to come.



NewView™ 7300

Industry-Leading Speed, Ultra-Performance, and Capabilities

The NewView 7300 is simply the most capable and powerful optical profiler available for demanding research and production applications. Advanced features include:

- scan speeds up to 135 µm/sec
- sub-nanometer resolution
- configurable and automated multi-position system zoom
- ultra-high precision and gage capability
- 20 mm scan range
- fully automated and programmable stages, including encoded options
- superior optical design, image contrast and uniformity
- high-output, single white-light LED illuminator

NewView™ 7200

Production – Proven Reliability and Value

The NewView 7200 delivers core performance, functionality, and flexibility in a cost-effective and easy to use platform.

Key features include:

- scan speeds up to 26 µm/sec
- sub-nanometer resolution
- user-changeable system zoom
- 6-position manual and motorized turrets
- 20 mm scan range
- manual or motorized staging
- integrated focus-aid (field-stop)
- high-output, single white-light LED illuminator

Customer-Focused Solutions

ZYGO has developed the reputation and unique competence to partner closely with our customers to design, develop and deliver value-added metrology solutions. These customized solutions include large part inspection systems with extended stage travel, optical imaging accessories, custom software development, industrial packaged enclosures, part fixtures, and integrated metrology modules for our OEM partners. Our dedicated team of professionals and best-in-class hardware will ensure that you receive total customer satisfaction with our metrology equipment and services.

**NewView™ 7000 Series
Product Comparison**

Key Feature	NewView™ 7300	NewView™ 7200
Scan Speed	≤135 µm/sec	≤26 µm/sec
System Zoom	Auto; multi. (3 pos)	Manual (single)
Max. Scan Range	≤20 mm	
RMS Repeatability	<0.01 nm	
Objectives	From 1X to 100X	
Max. Field of View	14 mm standard; 22 mm optional (with megapixel camera)	
Turret Options	Motorized or Manual (6 Position)	
Z Stage	Motorized (100 mm travel)	
X-Y Stages	Manual (100 mm travel) or Motorized (150 mm travel)	
Tip/Tilt Stage	Manual or Motorized	
Encoded Z, X-Y Stage	Yes (optional)	