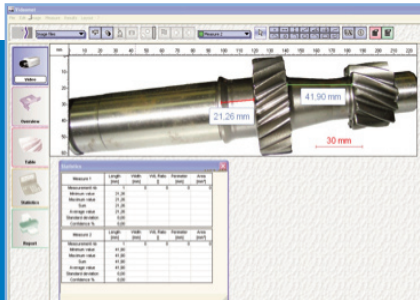
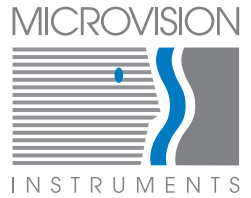


Videomet

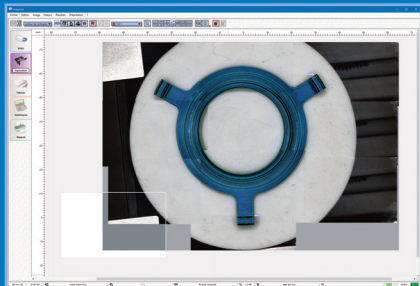
Video dimensional measurement



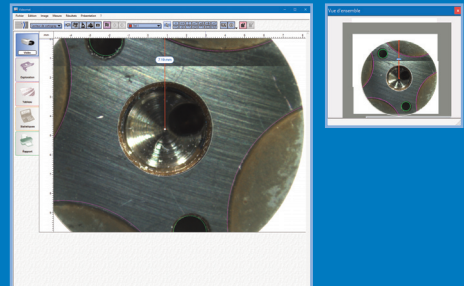
► Acquisition and real-time display



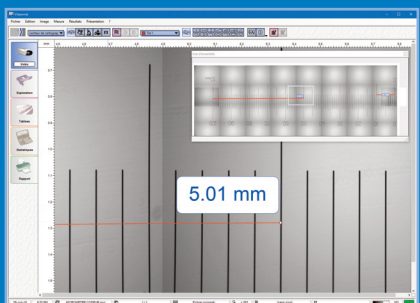
► Routine measurement according to lists of characteristic positions



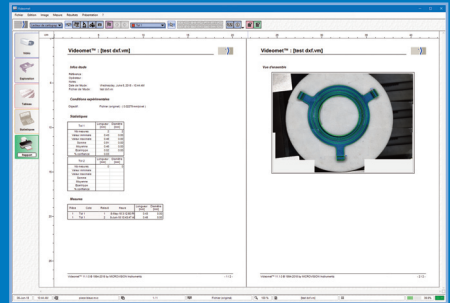
► Measurement with CAD (DXF) data overlay



► History and overview



► Measurement beyond the camera field of view



► Customizable analysis report

VIDEOMET - SOFTWARE APPLICATION

Metrology – Interactive measurement	<ul style="list-style-type: none"> ▶ Accuracy: 1/100th mm ▶ Direct measurement on the image ▶ Inspection and measurement with CAD data seamless overlapping – DXF file import ▶ Measurement within and beyond field of view ▶ Routine measurement using lists of typical positions ▶ Horizontal and vertical markers - overlay ▶ Automatic or user-defined detection and alignment of the edges of the pieces
Results	<p>Measurement tables and statistics:</p> <ul style="list-style-type: none"> ▶ Length, axial projections, direction, angle, width, diameter, equivalent diameter, perimeter, area, form factor, x/y/z coordinates ▶ Generation of external link files for specific calculation
Ease of use	<ul style="list-style-type: none"> ▶ Study template creation (measurements, markers...) ▶ Live measurement or measurement on imported cartography

VIDEOMET - ACQUISITION SYSTEM

Optics	<ul style="list-style-type: none"> ▶ Macroscopic bench, microscope or binocular magnifier, manual or motorized zoom
Mechanical stage	<ul style="list-style-type: none"> ▶ Motorized X,Y: 100x100mm, 150x150mm or 400x450 mm – accuracy $\pm 3 \mu\text{m}$ or $\pm 5 \mu\text{m}$ ▶ Encoded with magnetic or optic ruler: 75 x 50 mm – accuracy $\pm 1 \mu\text{m}$
Video Camera	<ul style="list-style-type: none"> ▶ JAI digital 3-CMOS color camera ▶ USB3 color camera - CMOS
Lighting	<ul style="list-style-type: none"> ▶ LED Ring light, Brightfield, Polarized and Darkfield ▶ Schott & Photonic Cold light source ▶ LED Backlight, Semi-rigid optical fibers

VIDEOMET - OPTIONS

Computer	<ul style="list-style-type: none"> ▶ Dell Optiplex ▶ Screen: from 17" up to 30" ▶ CPU: iCore 7 minimum ▶ RAM: 8 GB / 16 GB ▶ OS: Windows 7, 10
Settings protection	<ul style="list-style-type: none"> ▶ Microvision Supervision
Others	<ul style="list-style-type: none"> ▶ Joystick ▶ Object micrometer for calibration

MICROVISION INSTRUMENTS

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