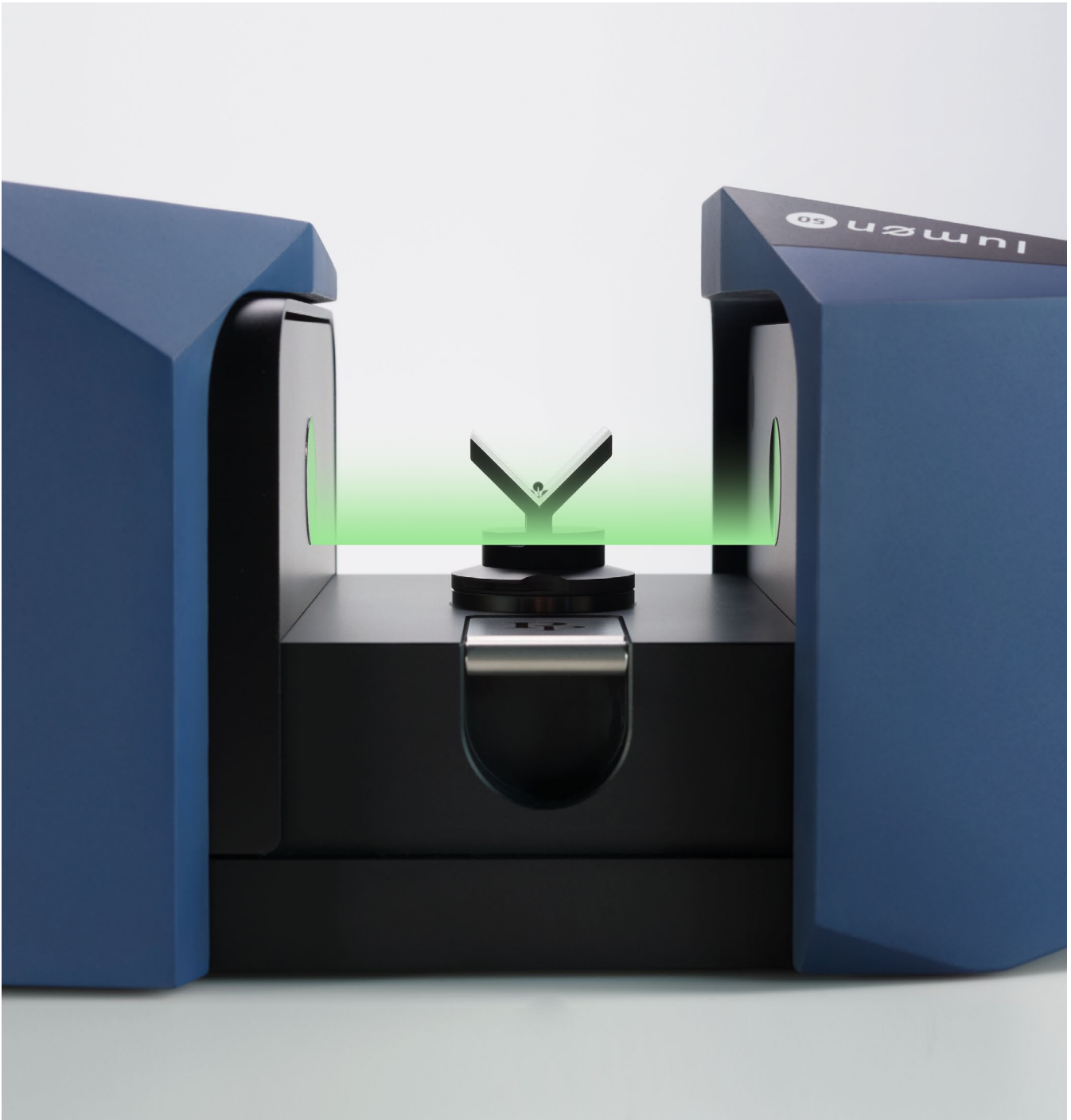


lumen

The solution for optical measurement in demanding environments





Designed for use on YOUR production floor

BENEFITS

Designed for use close to your machines

Instant part detection and measurement

Intelligent analysis of fixture cleanliness prior to measurement

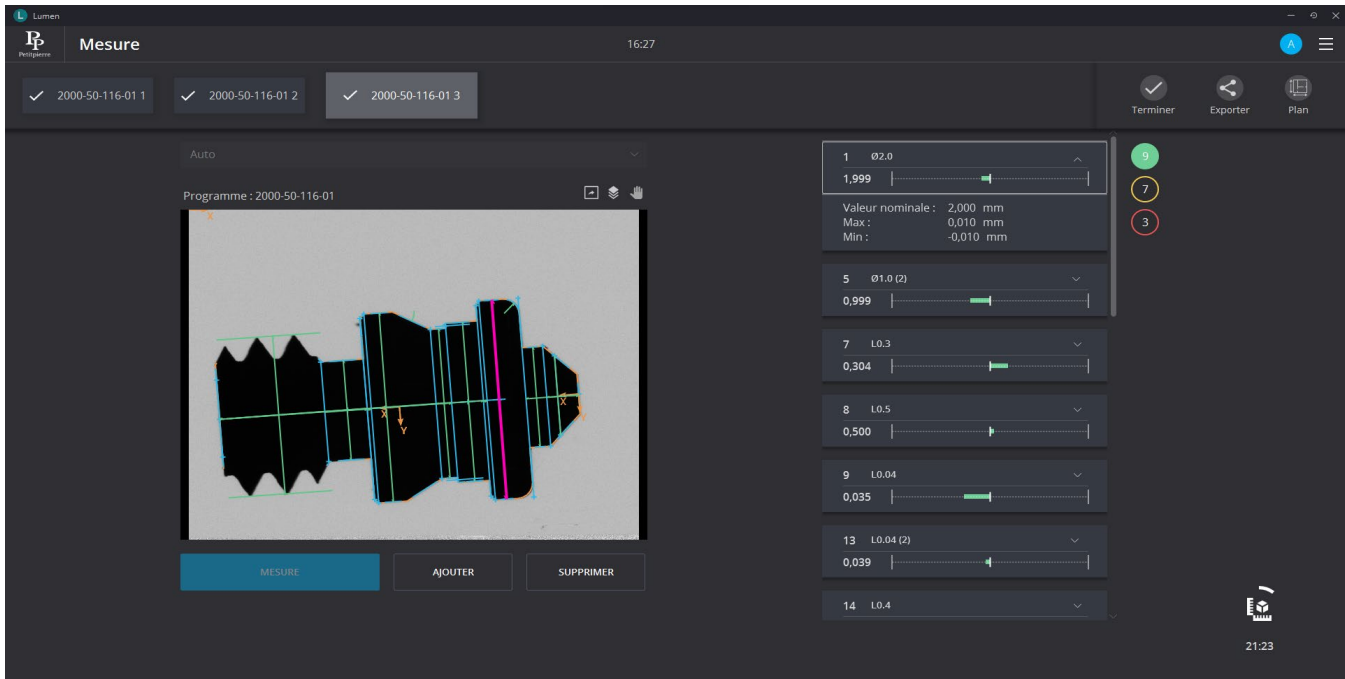
Quick and easy to clean optics and fittings

Modern, ergonomic user interface



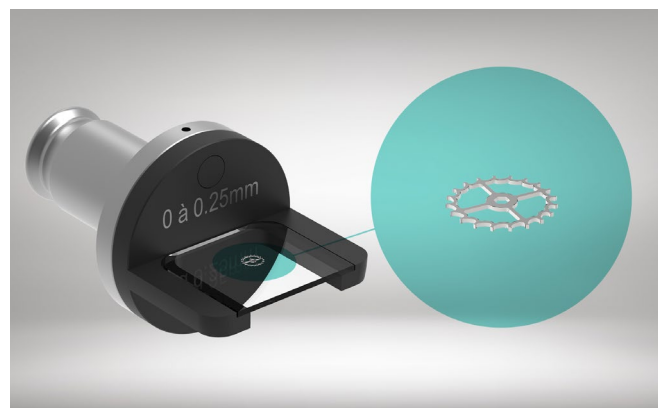
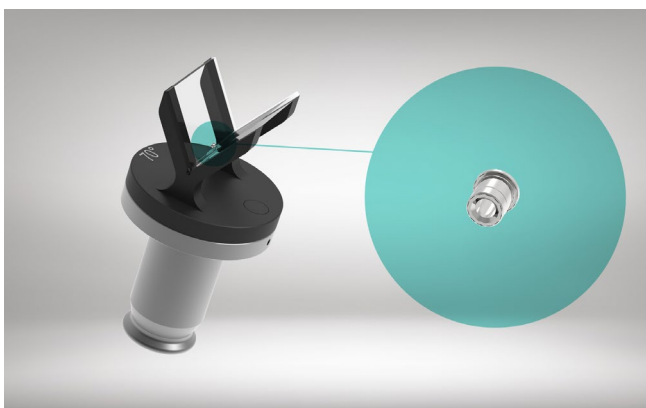
Intelligent, automatic and instantaneous part measurement

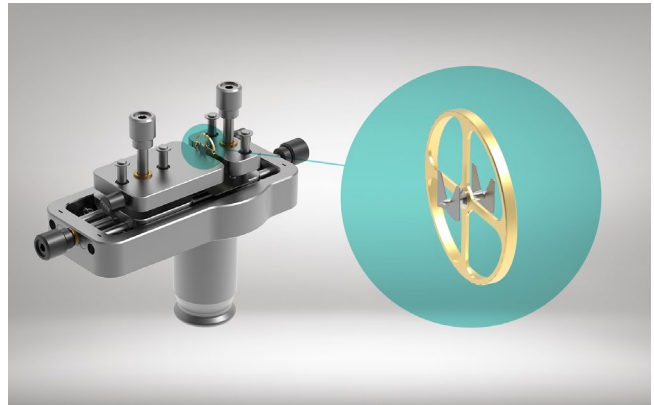
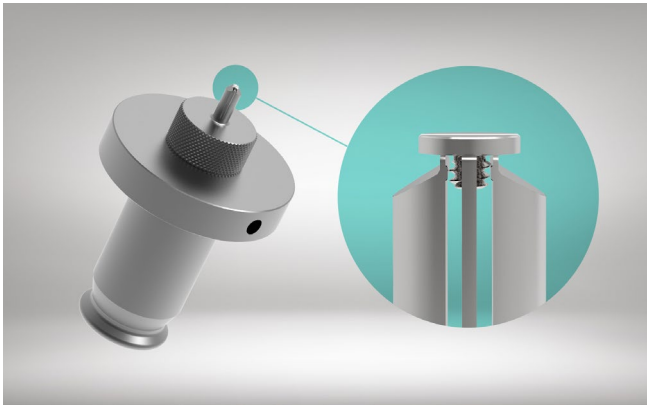
Streamlined measurement interface



Fixtures for different types of parts

Axis and plate parts





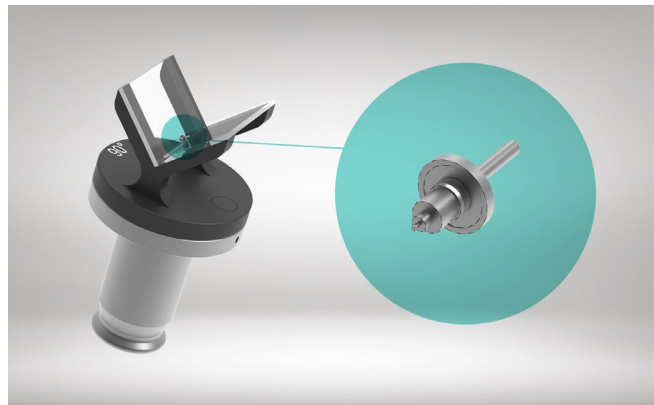
BENEFITS

Interchangeability

Quick changeover

No tools required

Changeover without setup

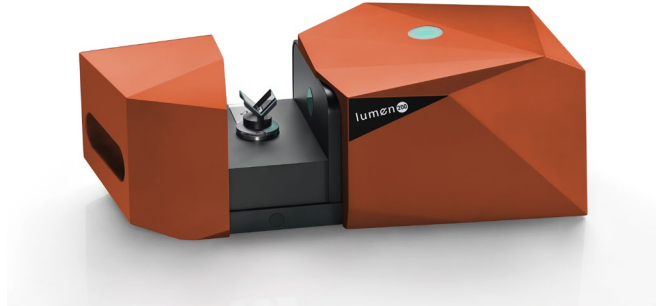


Technical data







MODEL	FIELD OF VIEW	PRECISION (DIAMETERS)	REPEATABILITY ($\pm 2\sigma$)	DISPLAY RESOLUTION
lumø_n 50	15.2x12.6mm	$\pm 1.6\mu\text{m}$	1.6 μm	0.1 μm
lumø_n 75	10.1x8.4mm	$\pm 1.2\mu\text{m}$	0.9 μm	0.1 μm
lumø_n 100	7.6x6.3mm	$\pm 0.8\mu\text{m}$	0.5 μm	0.1 μm
lumø_n 150	5.0x4.2mm	$\pm 0.6\mu\text{m}$	0.4 μm	0.1 μm
lumø_n 200	3.8x3.1mm	$\pm 0.6\mu\text{m}$	0.3 μm	0.1 μm

Customizable colors

Non-exhaustive examples



Items to be ordered separately

DESIGNATION		DESIGNATION	
	<p>90° V-shaped vertical fixture V-shaped positioning for décolleté axis</p>		<p>Two-slat fixture</p>
	<p>70° V-shaped vertical fixture V-shaped positioning for very small décolleté axes</p>		<p>Fixture on request Fixtures to suit your parts</p>
	<p>Horizontal fixture</p>		<p>24" PC 24" all-in-One touch PC</p>