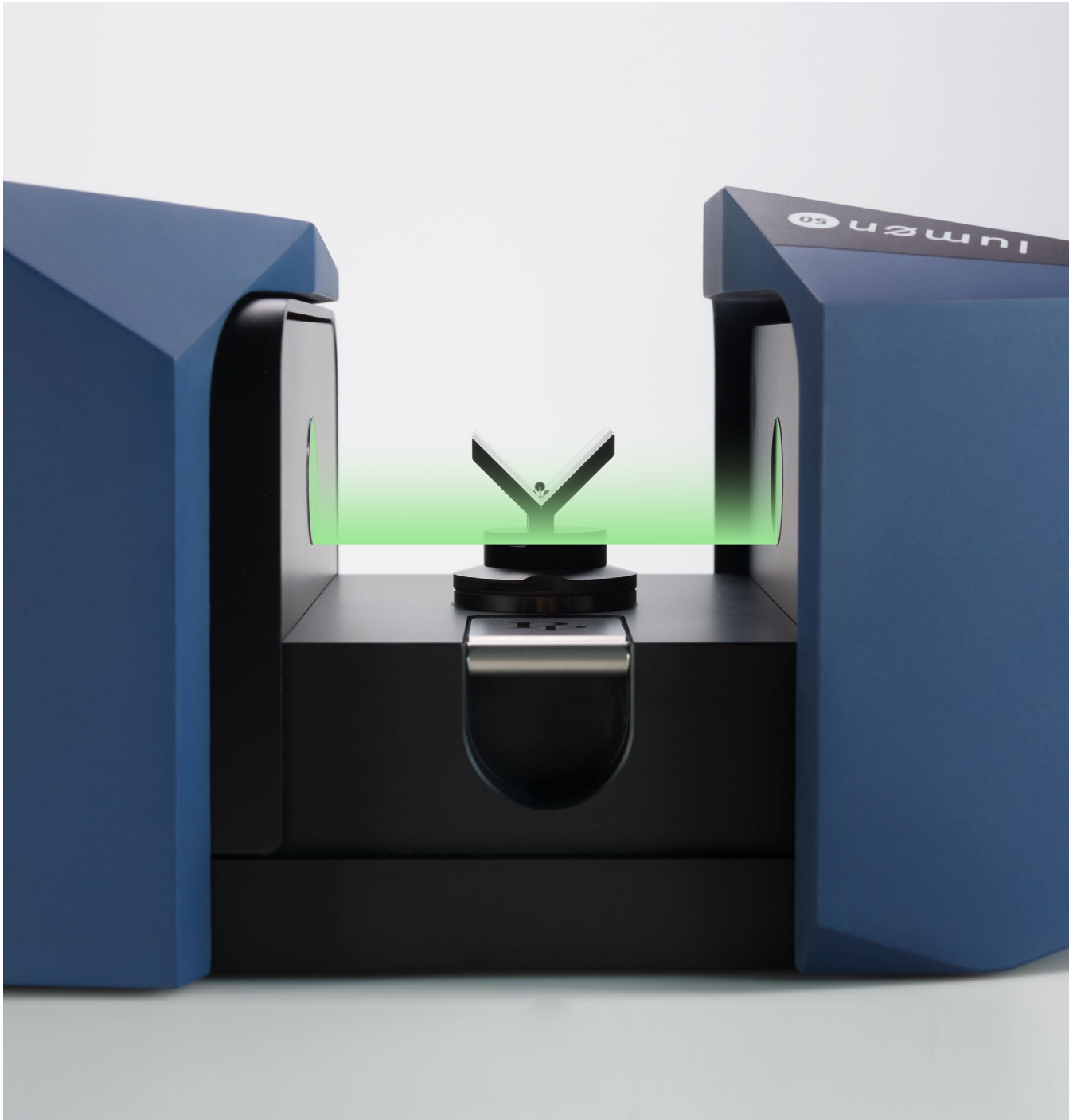


# lumen

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

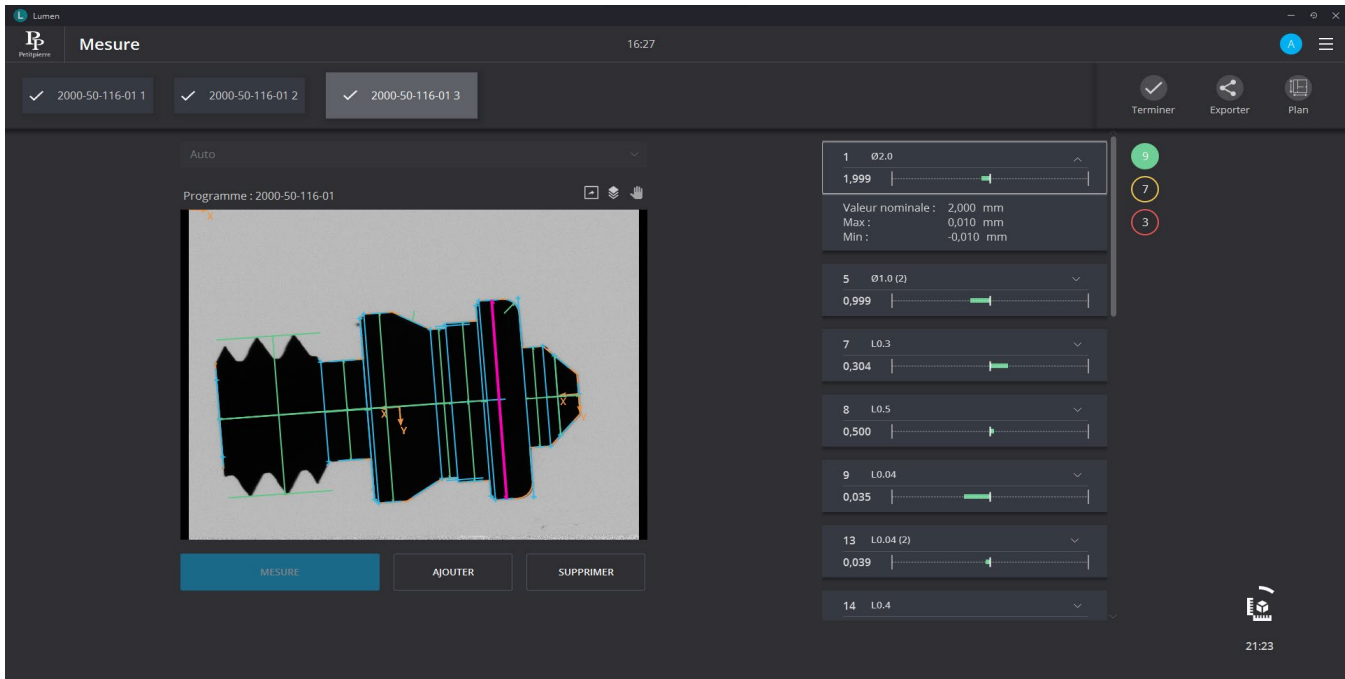
Quick and easy to clean optics and fittings

Modern, ergonomic user interface



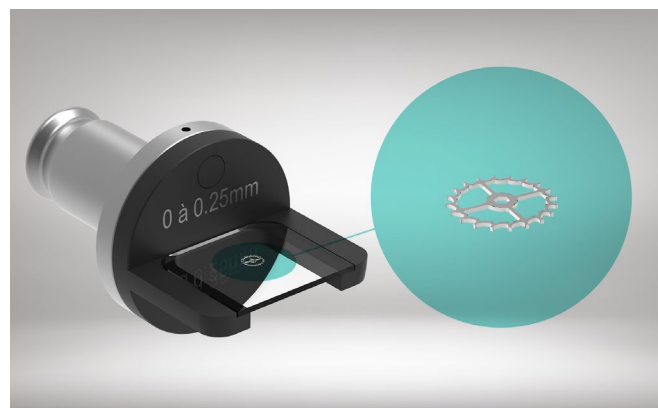
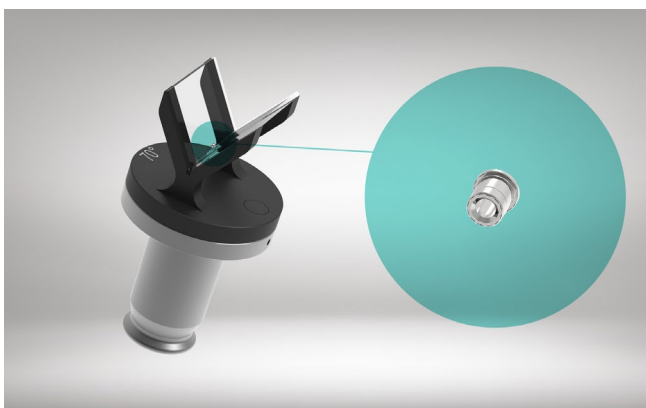
## Intelligent, automatic and instantaneous part measurement

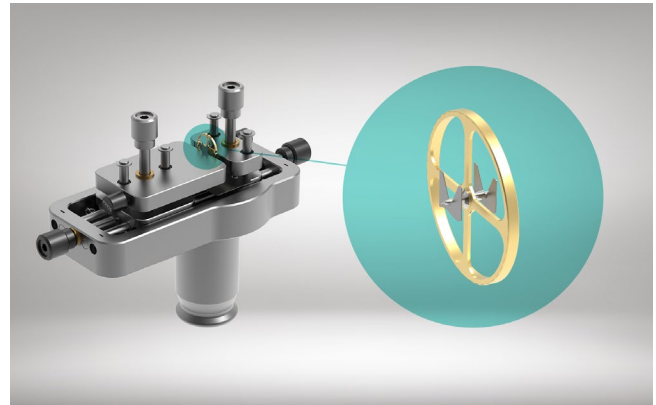
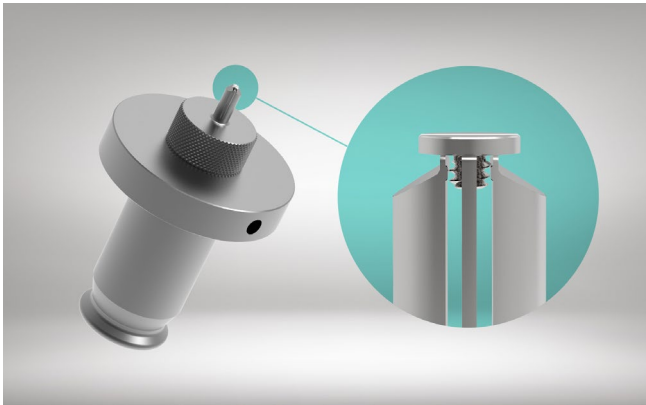
Streamlined measurement interface



## Fixtures for different types of parts

Axis and plate parts





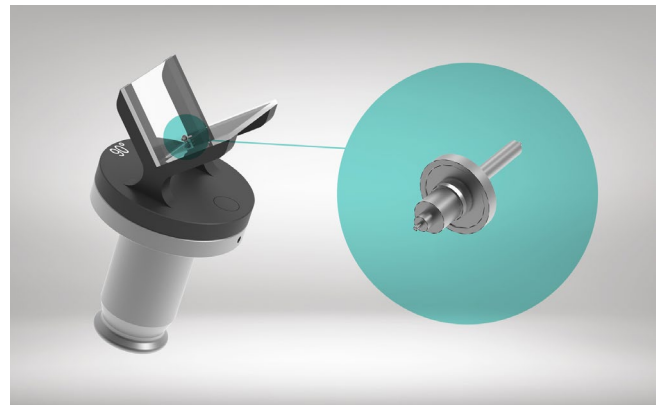
**BENEFITS**

Interchangeability

Quick changeover

No tools required

Changeover without setup

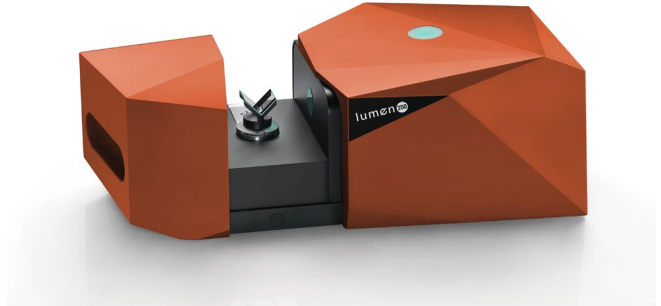


**Technical data**







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

**Customizable colors**

Non-exhaustive examples



**Items to be ordered separately**

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