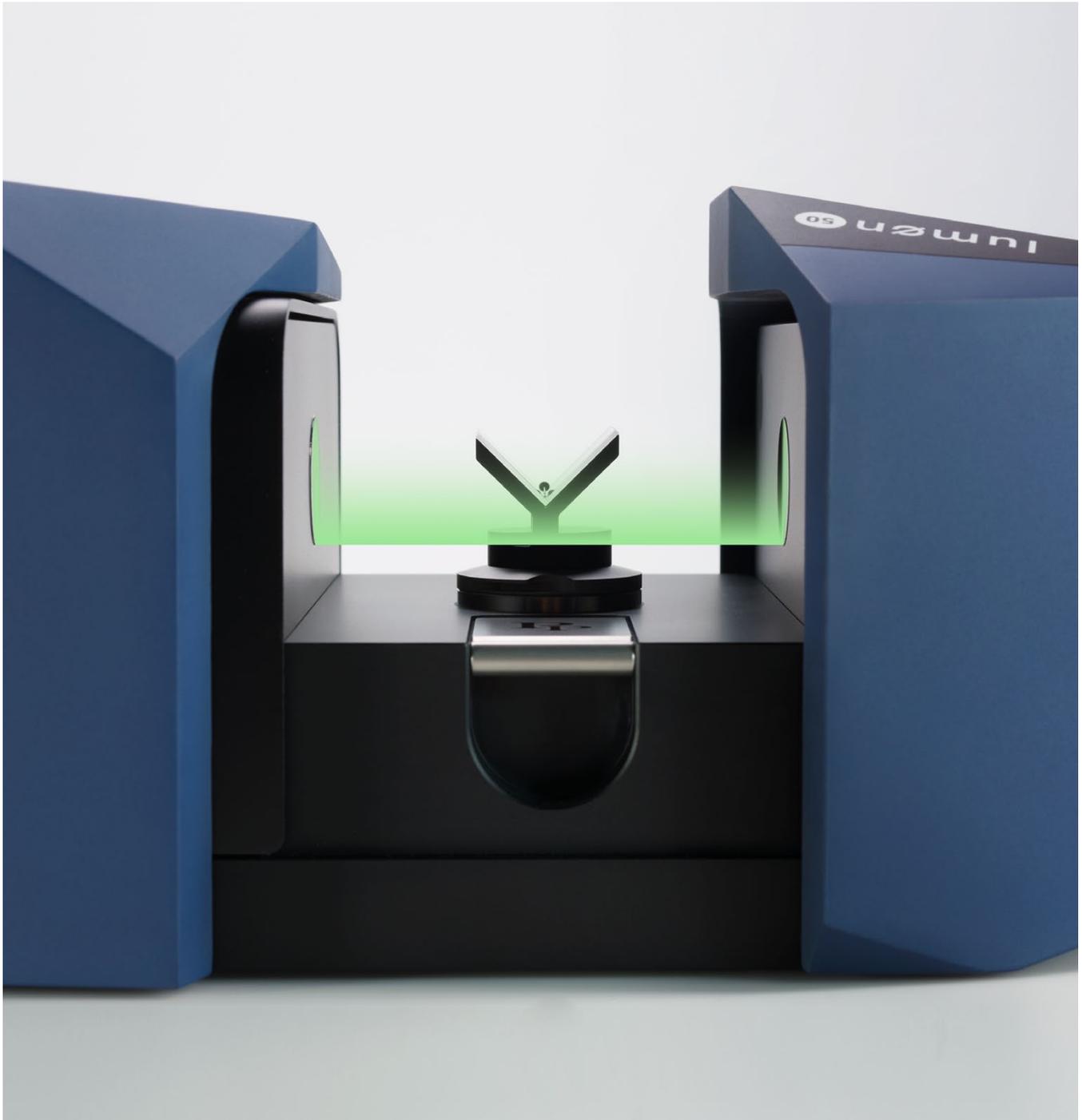


lumen

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

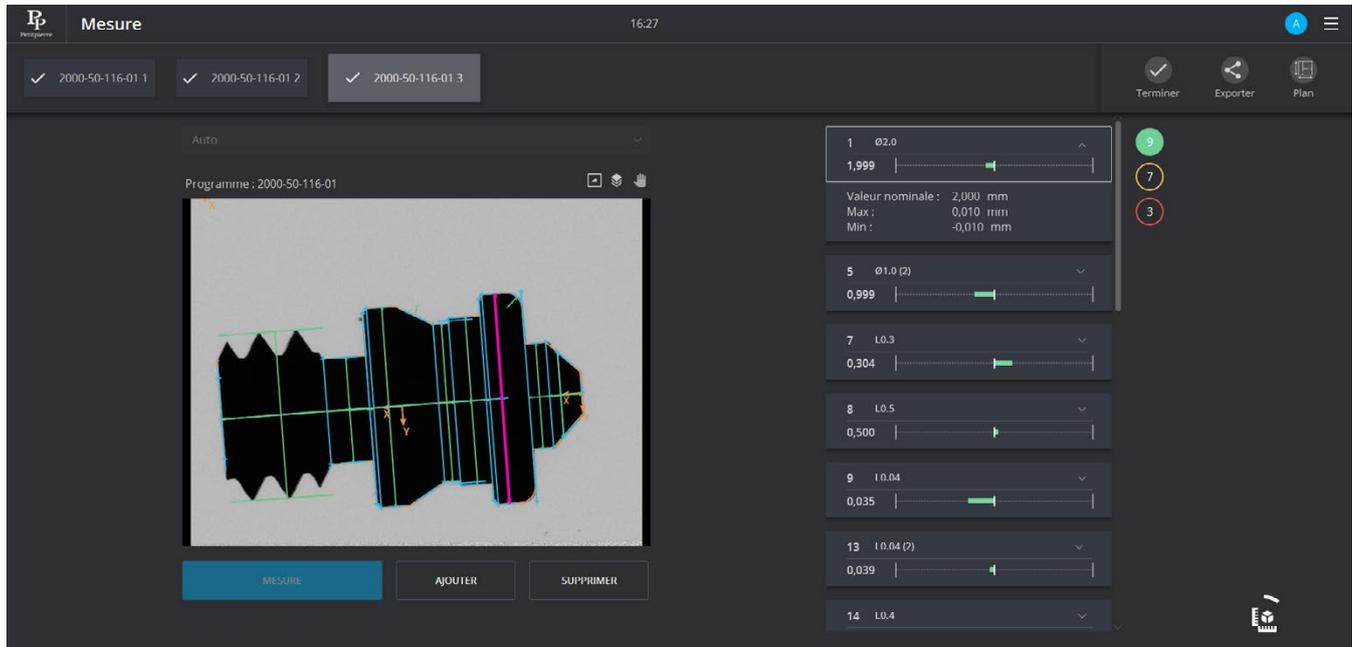
Quick and easy to clean optics and fittings

Modern, ergonomic user interface



Intelligent, automatic and instantaneous part measurement

Streamlined measurement interface



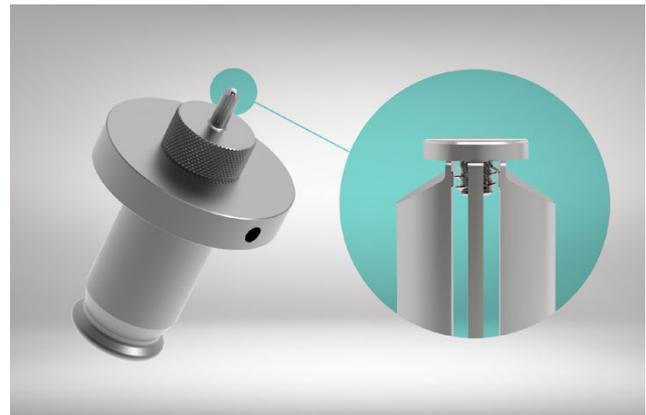
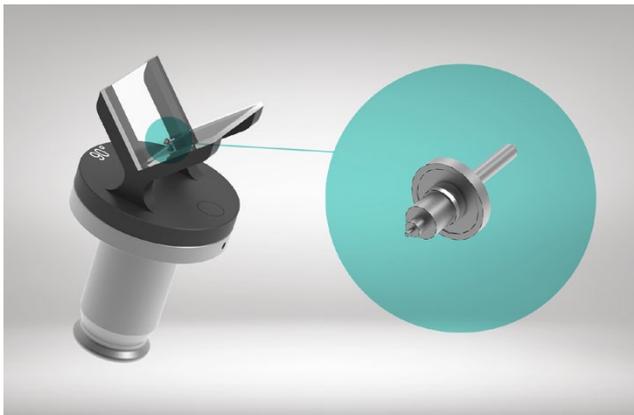
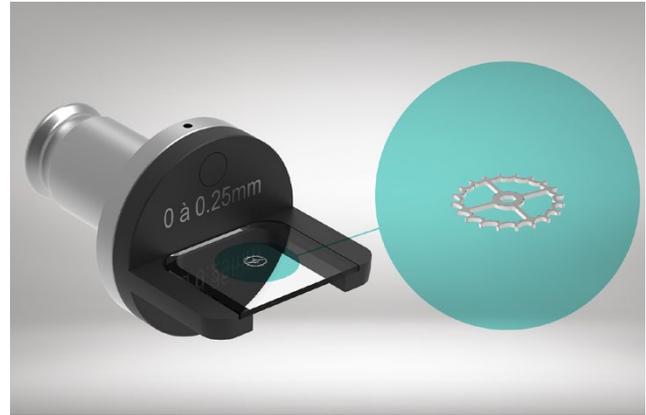
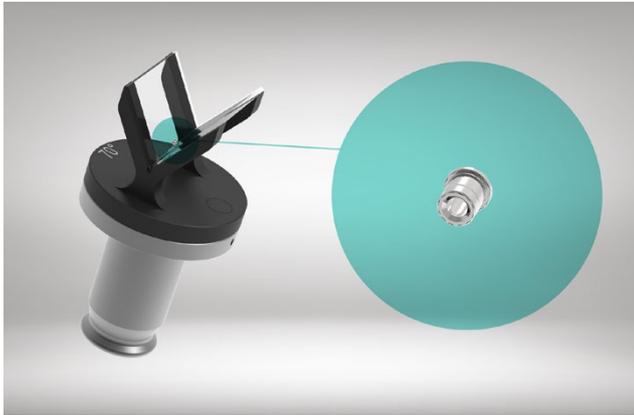
Part types

Lumen can be deployed on your network to control :

TYPE		TYPE	
	Gauges		Screws according to NIHS
	Simple axes		Wheels
	Axes + wheels		Spiral

Fixtures for different types of parts

Axis and plate parts



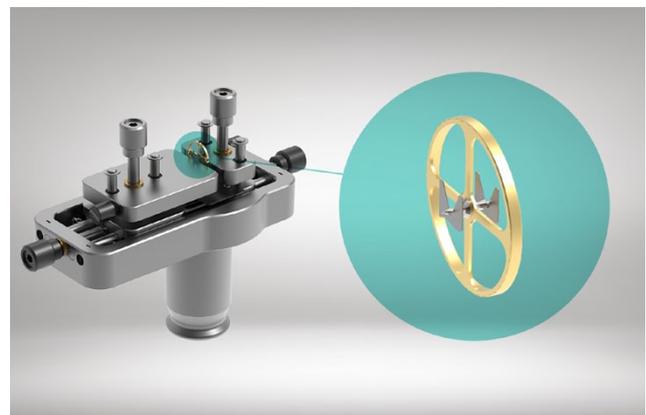
BENEFITS

Interchangeability

Quick changeover

No tools required

Changeover without setup



Technical data

MODEL	FIELD OF VIEW (mm)	PRECISION (DIAMETERS)	REPEATABILITY ($\pm 2\sigma$)
lumø 50	16.8x12.6	$\pm 1.6\mu\text{m}$	1.6 μm
lumø 75	11.2x8.4	$\pm 1.2\mu\text{m}$	0.9 μm
lumø 100	8.4x6.3	$\pm 0.8\mu\text{m}$	0.5 μm
lumø 150	5.6x4.2	$\pm 0.6\mu\text{m}$	0.4 μm
lumø 200	4.2x3.1	$\pm 0.6\mu\text{m}$	0.3 μm

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>