

BIPOL



PRO GX M videoscope
3D Stereo Measurement

www.bipol.fr



The PRO GX M is a 720P high definition videoscope with 3D stereo measurement function. It has a large 6.5" high-resolution touch screen ideal for visualising the smallest details of your inspection. Versatile, this videoscope allows 3D stereo inspections as well as standard inspections.

It has a motorized joystick which greatly improves the positioning capability of the probe. It can be used in many fields such as aviation, automobile manufacturing, investment casting, railways, shipbuilding, energy, electricity, etc.



Interchangeable probes :

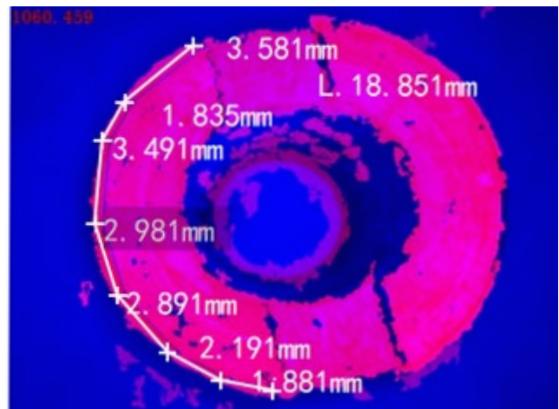
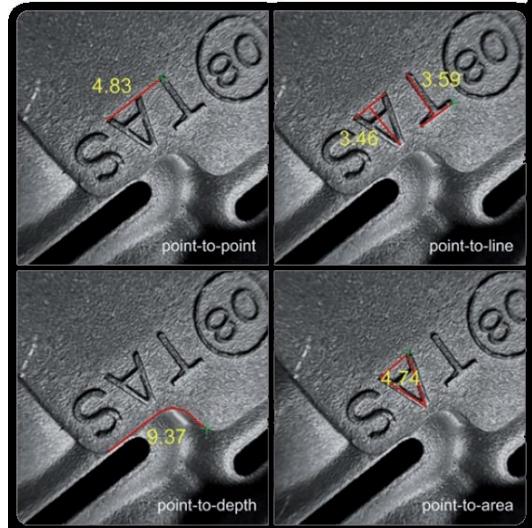
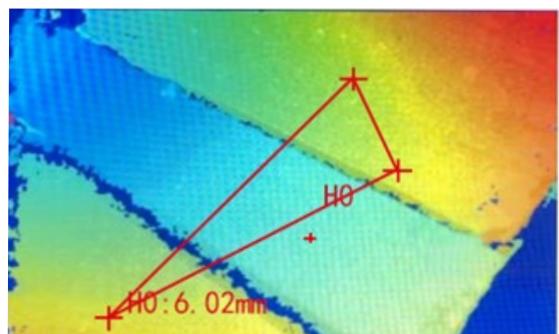
Probes are interchangeable in seconds.

They are available in diameters 4.5mm and 6.0mm with working lengths available in 2 and 3 meters.

2 viewing directions are available: 0° or 90°

3D Stereo measurement:

PRO GX M videoscope can accurately measure defect size by point-to-point, point-to-line, depth, area measurement. It can display the object distance and measurement size in real time, so that the detection can be completed more intuitively and accurately. The rich three-dimensional depth cloud image provides a reliable guarantee for accurate measurement, and cracks as thin as silk can be accurately displayed and measured.



High image quality:



True color reproduction for vivid details

Excellent lighting illuminates the entire large cavity.



Advanced noise reduction performance improves real-time picture quality.



Product features:

- The binocular lens is 720P high resolution and adopts high-sensitivity CMOS sensor and is automatic photosensitive.
- Super strong ABS material controller wrapping edge to prevent accidental drop and damage to equipment in harsh working conditions.
- Removable and rechargeable battery.
- Equipped with suspendable straps and on-site stand for easy operation and portability.
- Point-to-point, point-to-line, point-to-surface, curve measurement and other measurement methods cover all customer needs.
- Real-time measurement and post-measurement modes.
- High definition 3D stereo measurement for more accurate measurement.
- Negative mode and accurate color reproduction for easy and precise defect identification.
- Intelligent operating system, convenient and efficient, you can easily edit the inspection report.
- The software adopts a visual symbol operation interface, which is easier to use. It has the functions of taking pictures and videos, storing and playing back, infinitely zooming real-time images, editing and commenting files and managing files and folders. It supports exporting U disk.



Technical data			
Camera diameter	Ø 4.5 & 6.2mm.	Inspection	Standard et 3D stereo measurement
Working lengths	2 & 3 meters.	Stereometry	Point-to-point, point-to-line, point-to-surface, curve measurement, etc., the measurement accuracy is 0.1-0.2mm, and the error rate is 1-2%
Pixels	1000 000 / 800 000 pixels	Battery	11.1V 7000mah ≥3 hours
Focusing range	8mm-80mm/5mm-100mm (side view camera 5mm-50mm)	Connections	HDMI -USB 3.0
Direction of vision	0° or 90°	Sauvegarde	SSD 128GB
Field of view	120°	Joystick	Motorised
Illumination	High light LED	LED Life	1100 000 hours
Sheathing	Tungsten braid	Still image resolution	1280*720 JPEG
Bending angle	>120°	Video resolution	1280*720 AVI
Screen	Touch screen 6.5"	Videoscope dimensions	351*163*122mm
Interface	Zoom x5 - Negative mode - Noise reduction - Brightness, saturation, contrast adjustment	Warranty	1 year