

BIPOL



HIGH RESOLUTION
INDUSTRIAL VIDEOSCOPE

HIGH RESOLUTION PRO-B VIDEOSCOPE

The BIPOL PRO B videoscope is a compact portable system (0.6kg) made of high resolution camera 1280x720px mounted on an articulated probe 360 or non articulated one depending on diameter.

It offers a large 5.0" LCD screen which is ideal to visualize the thinnest details during the inspection. A powerful illumination & a large choice of diameters and working lengths allow our PRO B to set the landmarks of high quality industrial remote vision inspections in a large array of sectors.

COMPLETE INTERFACE

GRID - 6 LANGUAGES - IMAGE
ROTATION - MINI HDMI - MICRO SD
CARD PORT - WI-FI

RECORD PHOTOS & VIDEOS

HIGH RESOLUTION UP TO 720P
(1280X720PX) WITH EASY TRIGGER
ON VIDEOSCOPE

66

WHATEVER YOUR NEEDS

MULTIPLE LIGHT OPTIONS DEPENDING ON DIAMETER

White light (LED or Fiber optic)
Infrared 940 NM
Ultraviolet 365 NM

With its large choice of interchangeable video probes 100% compatible, the PRO B will do the job.

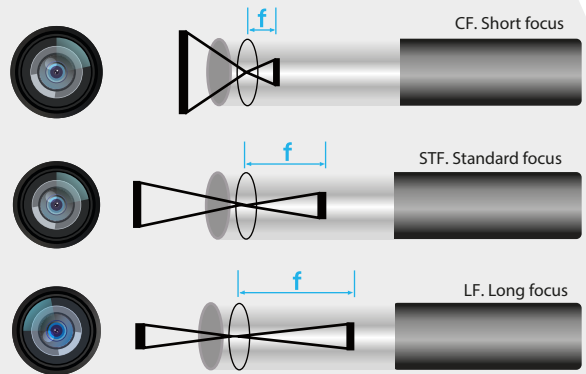
Temperature warning
available on Ø 6.0mm

MICRO DIAMETERS



0.8 - 0.95 - 1.2 - 1.6mm & 1.8mm (articulated)

3 TYPES OF FOCUSING



ANDROID WIFI MODULE

Share live images and view inspection on Android tablet or smartphone via BIPOL VLC viewer



LARGE CHOICE OF VIDEO PROBES

Choose among small diameter, with or without articulation, rigid, heat resistant, different focusing or illumination mode probes to customize your videoscope and optimize your inspection experience.

- Diameters 0.8 - 0.95 - 1.2 - 1.6 - 1.8 - 2.8 - 3.9 & 6.0mm with working lengths up to 30m.
- Probes available with or without articulation
- IP67, water and oil resistant
- 4 layer tungsten sheathing. Wear resistant . Anti scratch covering in PVC or fluorosilicon on request
- Temperature warning on Ø 3.9 & 6.0mm available in option



QUICK CHANGE

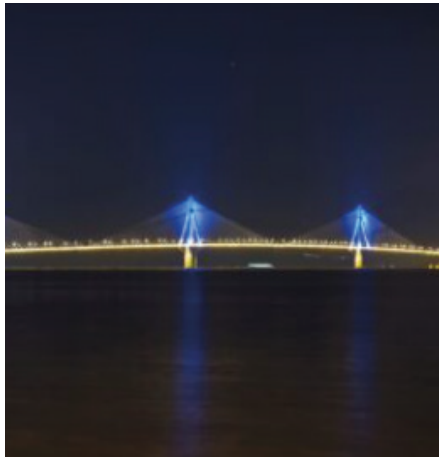
Swap within 30 seconds
between 2 probes





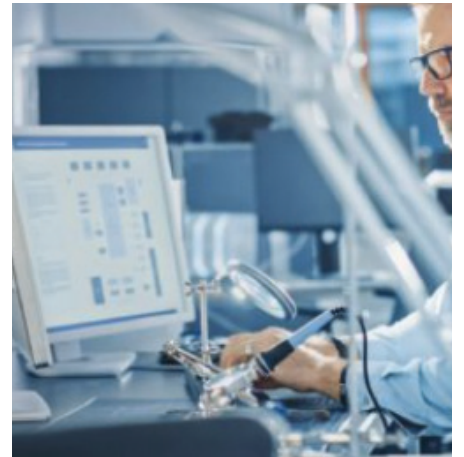
AEROSPACE

Inspect waveguide components on satellites.



INFRASTRUCTURE

Control integrity of bridges, buildings, canal systems



QUALITY CONTROL

Use micro diameters to check for cracks, burrs, rust



SECURITY FORCES

Infrared discreet inspection of rooms and cargos



MARITIME

Inspect engines between pistons, cylinder cover & various enclosed inspections such as bearing housings, gears, ...



AIRSPACE

Check airframes, turbines, helicopter blades



INDUSTRIAL PROCESS

Routine check of pipes and weldings in oil plants



ENERGY PRODUCTION

inspect pipes, parts, power generators heat exchangers

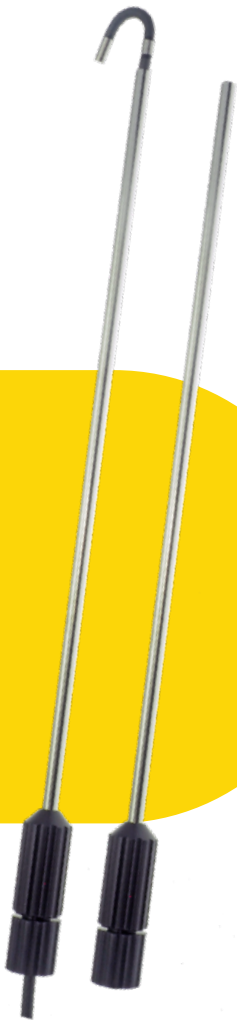


AUTOMOTIVE

Use micro diameters to inspect car electronic control modules (ECUs)

PRO-B ACCESSORIES

Our PRO B Videoscope accepts different accessories to improve further the quality and comfort of the inspection



RIGID GUIDE

Stainless steel working length 430mm



SUPER CLAMP

opening up to 55mm on square & round tubes



CENTRALIZERS

Available in 3.9 & 6.0mm diameters



Centers the probe in the inspected pipe and betters feed. Perfect for 360° inspection of weldings
Ø 3.9mm - DN26 to 90mm
Ø 6.0mm - DN34 to 162mm



BATTERY PACK

Li-Ion rechargeable & schock proof 1 meter





STANDARD CASE

Compact, waterproof, easy to carry around. Includes print for all standard accessories

Standard case includes.

1 SD card reader, 1 HDMI cable, 1 cleaning kit, 1 SD card 32 GB, 1 battery charger USB + 12V cigaret lighter plug



LONG PROBE CASE

Internal reel for long probes up to 10 meters and prints for spare battery and accessories

Build your own case.

Different colors available



WE PROVIDE SPECIAL CASES AND KITS SPECIALLY DEDICATED TO YOUR REQUIREMENTS. CASES CAN BE CUSTOMIZED FOR ANY PARTICULAR NEED

Technical Data

TECHNICAL DATA	PRO B 08/09/12	PRO B 16	PRO B 18	PRO B 28	PRO B 39	PRO B 60
Camera diameter	0.8- 0.95 - 1.2 mm	1.6 mm	1.8 mm	2.8 mm	3.9 mm	6.0 mm
Working length	0.8 : 0.5 m 0.95 : 1.0 - 2.0 m 1.2 : 0.5 - 1.0 m	0.5 - 1.0 m	0.5 - 1.0 - 1.5 m	1.0 - 2.0 - 3.0 m	1.0 - 2.0 - 3.0 - 4.0 - 5.0 & 6.0 m	1.0 - 2.0 - 3.0 - 4.0 - 5.0 - 6.0 - 7.0 - 8.0 - 10 -15 - 20 & 30m articulating
Tip length	4.5 mm				13 mm	
Articulation	No		2-Way	4-Way		
Camera resolution	160.000 px				720 p	
Direction of vision	0°	0° & 90°	0°	0° - 90° & Dual vision camera		
Field of vision	120°					
Focusing distances*						
0°	3-70 mm*		3-70 mm		10-200mm*	
90°	-	1-30mm	-	3-70mm	5-80mm / 7-150mm (LEDs) (Fibers)	7-150mm
Dual camera - 0&90°	-				10-200mm / 7-150mm	
Illumination	LEDs or Optical fibers					
Power	110-220 Va EU plug - USB universal connection					
Image resolution	640x480 JPEG			1280x720 JPEG		
Video resolution	640x480 AVI			1280x720 AVI		
Working temperatures	-10°C to + 60°C					
Videoscope dimensions	350x155x59mm					
Net weight without probe	0.6 kg (Weight with standard carrying case : 4.5 kgs)					
Warranty	2 years					

* : other focal lengths are available in option depending on the probe diameter (1-30mm / 3-30mm / 50 - infinity).

BIPOL

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