

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 720P mounted on an articulated probe 360°.

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 - FILE RENAMING

RECORD **PHOTOS & VIDEOS**

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

66

WHATEVER YOUR NEEDS

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

**Temperature warning
available on Ø 6.0mm**

MULTIPLE **LIGHT OPTIONS**

White light (LED or Fiber optic)

Infrared 940 NM

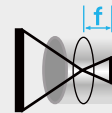
Ultraviolet 365 NM

3 TYPES OF FOCUSING

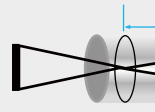
DUAL VIEW CAMERA



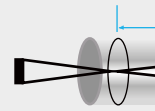
Ideal for pipe and welding inspections on distances up to 7 meters



CF. Short focus 5-20 mm



STF. Standard focus 10-200 mm

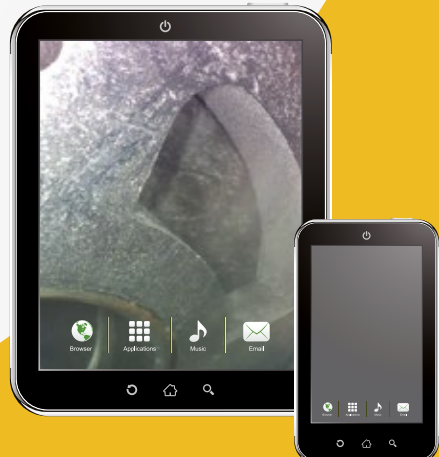


LF. Long focus 50mm - ∞



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 0.95 - 1.2 - 1.6 - 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



QUICK CHANGE

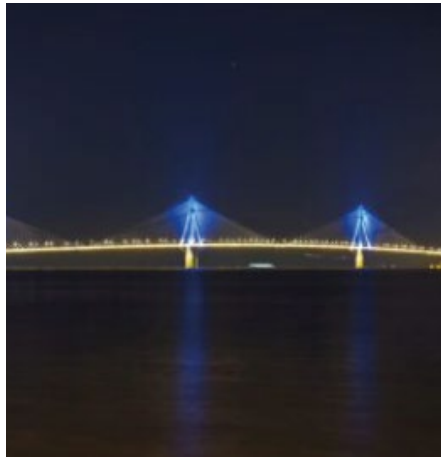
Swap within 30 seconds
between 2 probes





AEROSPACE

inspect boosters without time consuming unmounting



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



TRANSPORT

inspect molded engine parts and automotive components



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



RESEARCH & DEVELOPMENT

Use micro diameter to validate a process or new idea

PRO-B

ACCESSORIES

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

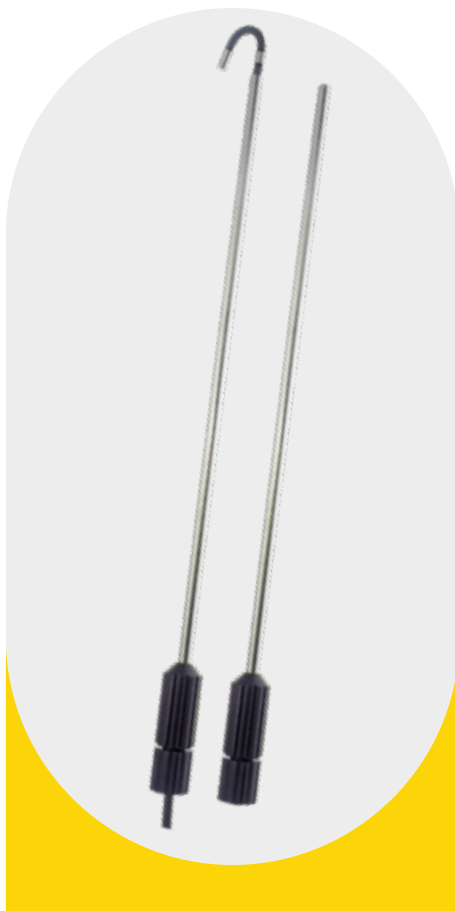


BATTERY PACK

Li-Ion rechargeable & shock proof 1 meter



Can be exchanged in seconds. With charge indicator.

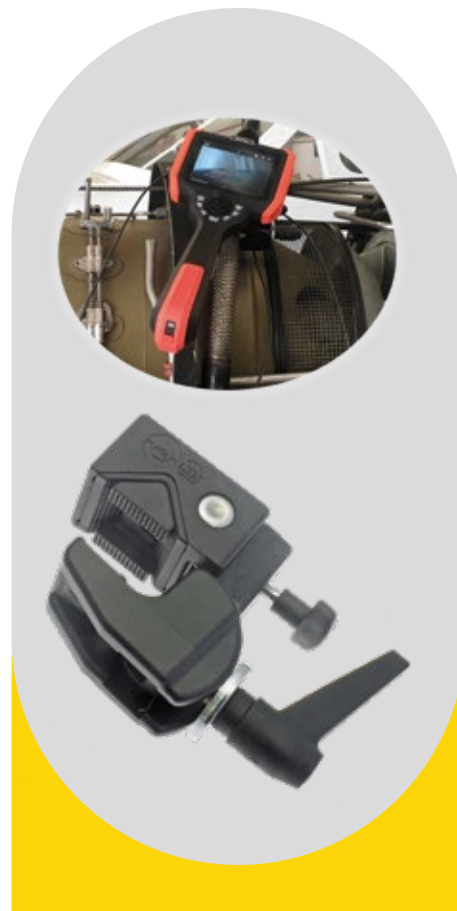


RIGID GUIDE

Stainless steel working length 430mm



Ideal to inspect large diesel engines, power generators or bottles



SUPER CLAMP

opening up to 55mm on square & round tubes



Allows you to work with 2 hands for a better control of the part



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 09/12	PRO B 16	PRO B 18	PRO B 28	PRO B 39	PRO B 60
Camera diameter	0.95-1.2 mm	1.6 mm	1.8 mm	2.8 mm	3.9 mm	6.0 mm
Working length	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°	0° - 90° & Dual vision camera (up to 7m)	
Field of vision	120°					
Focusing distance	3-70 mm	0°: 3-70 mm 90°: 1-30mm	3-70mm 50 mm - ∞		5-20mm 10-200 mm 50 mm - ∞	
Illumination	Optical fibers	LEDs	Optical fibers		Optical fibers or LEDs	
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 weighth without probe	0.6 kg (Weight with standard carrying case : 4.5 kgs)					
Warranty	1 year					

BIPOL

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