

# BIPOL



HIGH RESOLUTION  
INDUSTRIAL VIDEOSCOPE

# HIGH RESOLUTION **PRO-B VIDEOSCOPE**

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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**

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GRID - 6 LANGUAGES - IMAGE  
ROTATION - MINI HDMI - MICRO SD  
CARD PORT - FILE RENAMING

## RECORD **PHOTOS & VIDEOS**

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

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## **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

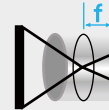
Ultraviolet 365 NM

## 3 TYPES OF FOCUSING

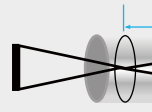
### DUAL VIEW CAMERA



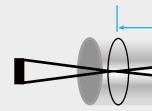
Ideal for pipe and welding inspections on distances up to 7 meters



CF. Short focus 5-20 mm



STF. Standard focus 10-200 mm

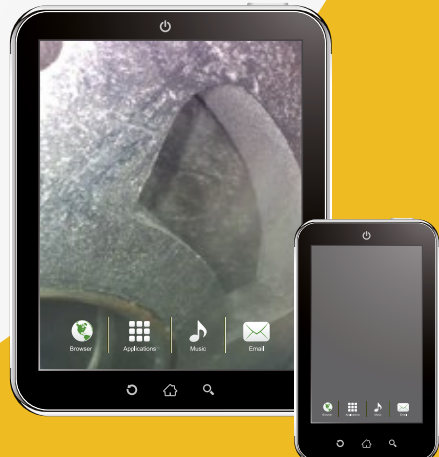


LF. Long focus 50mm - ∞



### 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

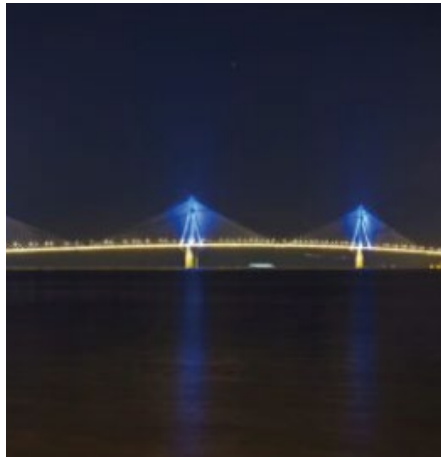
Swap within 30 seconds  
between 2 probes





## 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

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

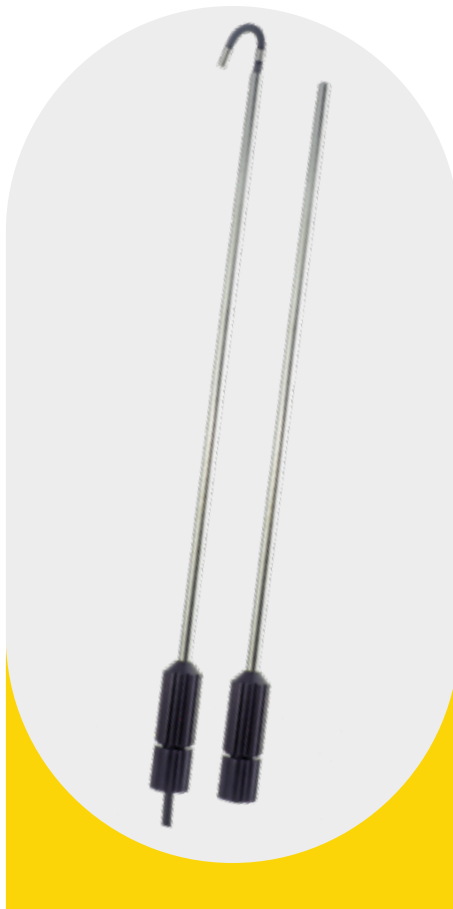


### BATTERY PACK

Li-Ion rechargeable & shock proof 1 meter



Can be exchanged in seconds. With charge indicator.

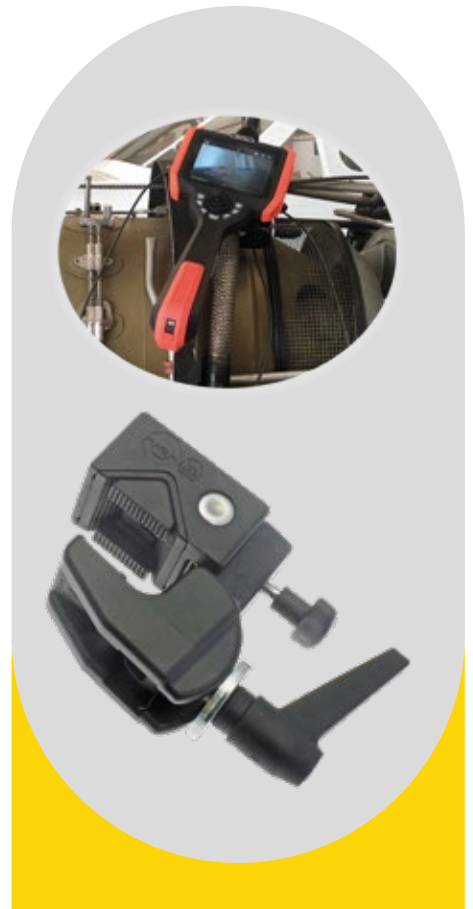


### RIGID GUIDE

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

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### **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

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**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	<b>PRO B</b> 09/12	<b>PRO B</b> 16	<b>PRO B</b> 18	<b>PRO B</b> 28	<b>PRO B</b> 39	<b>PRO B</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 weight without probe	0.6 kg (Weight with standard carrying case : 4.5 kgs)					
Warranty	1 year					

# BIPOL

## Contact Us



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