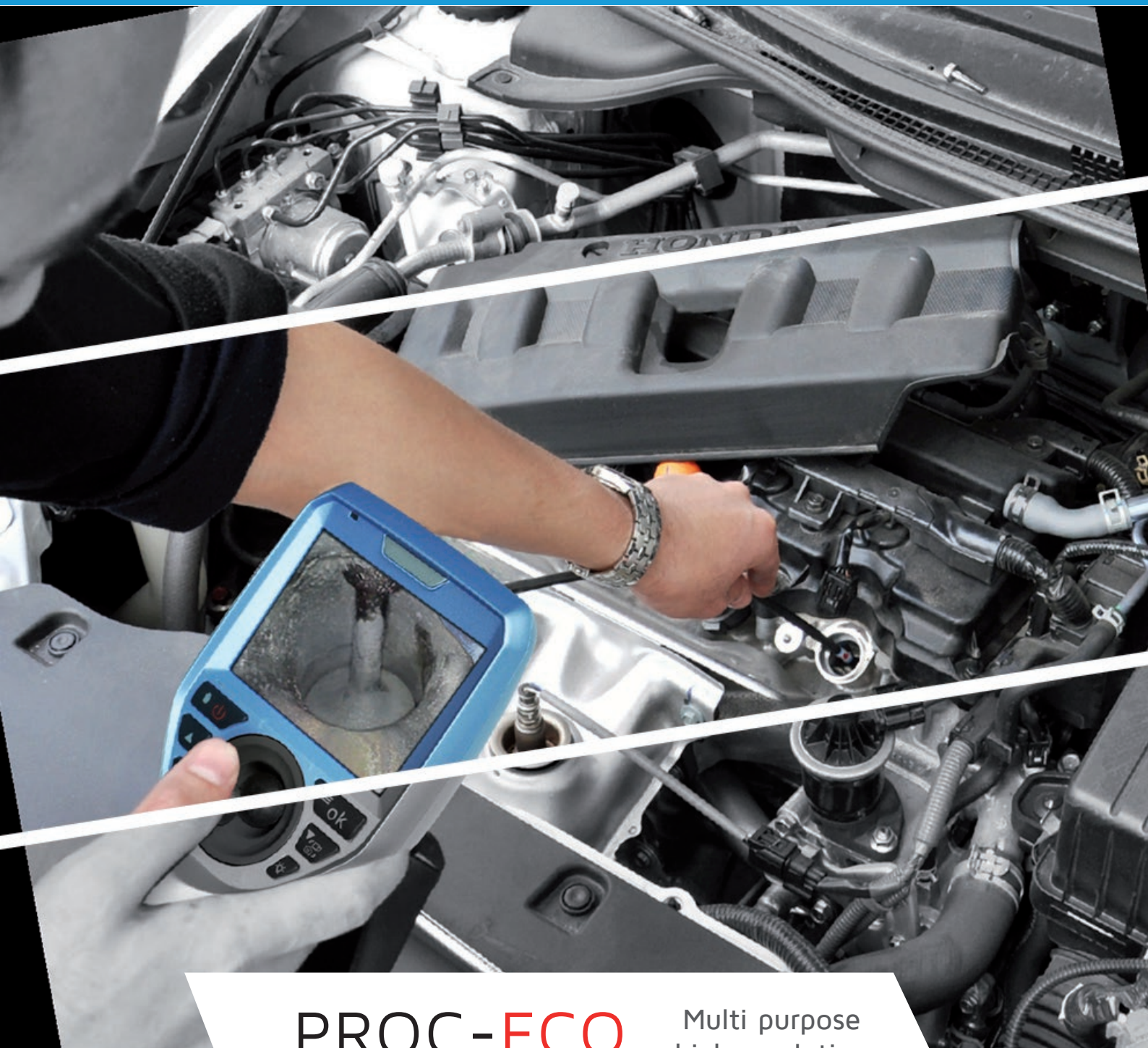


bipol[®]

Instruments & Outils de précision



PROC-ECO
VIDEO BORESCOPE

Multi purpose
high resolution
Videoscope

www.bipol.fr

PROC-ECO

VIDEO BORESCOPE

Inspection kit for car engines, diesel engines, power generators, gearboxes, competition

The PROC-ECO videoscope is a multi purpose inspection instrument that allows to conduct inspections of engines, gearboxes, power generators and all hard to reach areas.

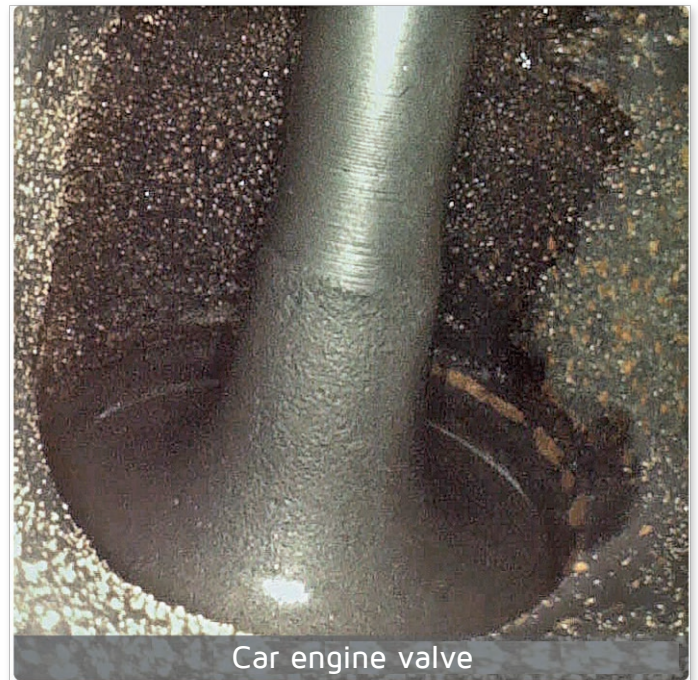
The unique feature of the video probe which articulates 4-way 210° allows to inspect all parts of the cylinder, combustion chamber, sparks, valves with 1 probe. Lightweight and compact, it offers a high resolution of 700.000 pixels.

An air cooled version is available to perform inspections in a working environment of up to 200°C



360° full high resolution inspection

The articulation mechanism of the PROC-MDC has been optimized to offer a bending radius of 210° in 4 directions allowing inspection of all parts of the cylinder with 1 probe in high resolution.



HDMI ready & Daylight display

Connect the videoscope PROC ECO to any monitor with the Mini HDMI cable provided for high resolution visualization of live images on a large screen.. The 3.5" LCD screen allows clear outdoor inspection in daylight.



HDMI video output

Waterproof, oil and anti corrosion resistant.



Adapted to harsh environments

The sapphire glass reduces greatly the risk of scratches on objective. This offering longer life of the videoscope



car conversion catalyst



Car injector



Car spark hole

Cooling system

The PRO C- ECO videoscope is available with an outer sheathing cooling system by air that allows to conduct emergency inspections up to 200°C



See the Invisible

Technical data

Technical data	
Screen	3.5" TFT daylight readable
Camera diameter	6.0 mm
Working length	1.0 m
Articulation	4 x 210°
Camera resolution	700.000 px
Direction of vision	0°
Field of view	70°
Depth of field	25-100 mm
Lighting	LEDs ceramic white
Light intensity	20.000 lux max
Sheathing	Tungsten braid 4 layers - titanium tip & sapphire glass cover
Protection rate	Host : IP57 - Probe : IP 67 (oil & water resist)
Interface	Digital zoom 4x - Image rotation - file preview
Power	110-220 Va EU plug
Battery	Removable LI-ion 18650 (3 hours runtime - 4 hours charging time)
Connections	Video out, mini USB, HDMI
Recording	SD CARD 8 GB
Image resolution	960x720 BMP
Video resolution	960x720 MP4
Working temperature	-10°C to + 60°C
Net weight	0.55 kg
Case dimensions	41x32x16 cm
Gross weight with case	2.5 kg
Warranty	1 year



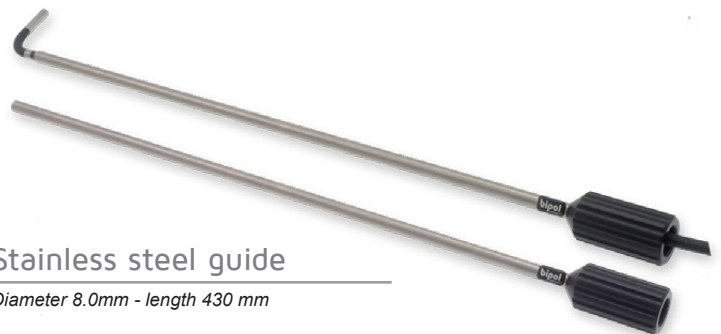
Internal view of piston



Spark plug hole

To order

Part No	Description
PROC-ECO	PROC-ECO- screen 3.5" Ø 6.0 mm x 1 m - 0° - LED illuminated
PROC-ECO-CO	Kit PRO C - ECO-CO screen 3.5" Ø 6.0 mm x 1 m - 0° LED illuminated - with cooling system
Accessories	
665 001 451	Stainless steel rigid guide Ø 8,0 x 430mm
PROC-BAT	Spare battery for PRO C Line



Stainless steel guide

Diameter 8.0mm - length 430 mm

www.bipol.fr
info@bipol.fr

bipol[®]

3 Rue Saint Rémi
F51430 BEZANNES – France
TEL.+ 33 0 3 26 36 39 88
FAX.+33 0 3 26 36 33 78