VISIOPROBE

COMPACT CAMERAS FOR REMOTE VISUAL INSPECTION
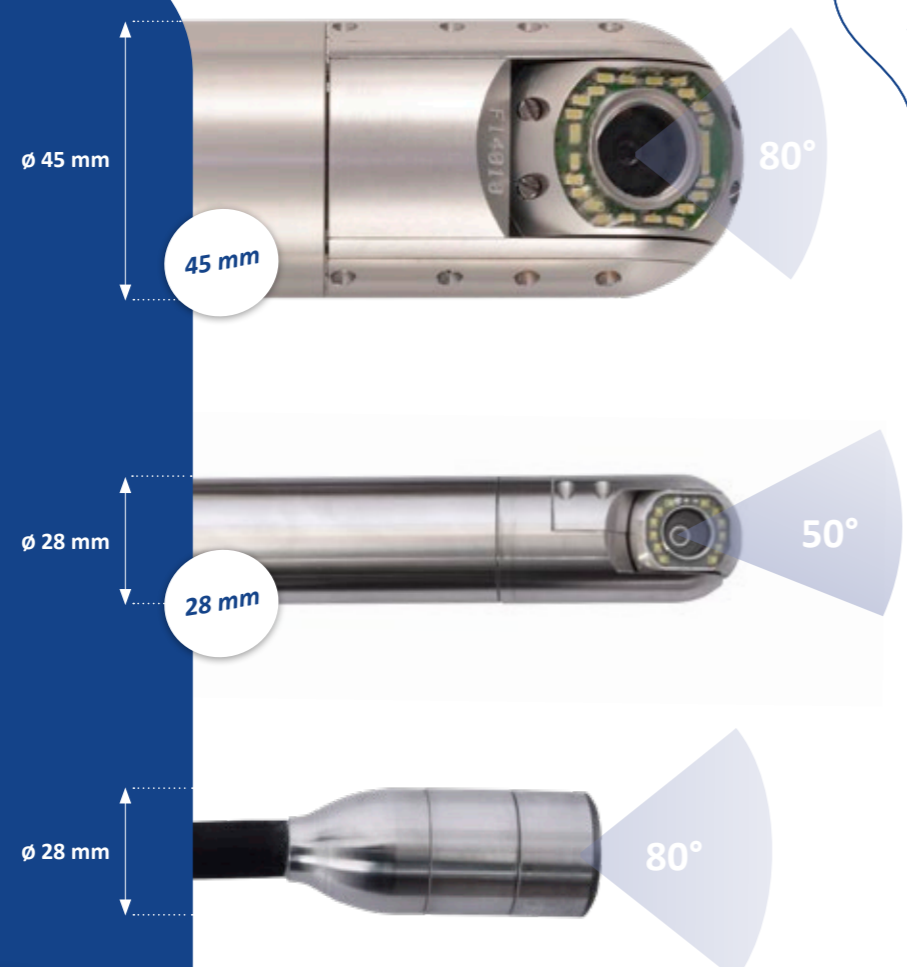
VISIOPROBE

Visioprobe is a unique system consisting of cameras, a control unit and mobility tools. Based on years of client feedback, it has been designed for industry and features several patented innovations. Visioprobe camera heads are among the most compact and robust, without compromising image quality.

360°
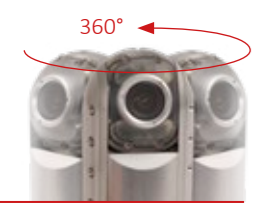
PAN AND **TILT** CAMERA HEAD

- 110°   + 110°

Pan & Tilt | only **400 g**

with variable focus

ø 45 mm

45 mm

80°

ø 28 mm

28 mm

50°

ø 28 mm

80°

CONTROL UNIT

A user-friendly interface with a touch screen and simple menus.

Whether you want to take photos or record video (or both at the same time), inlcude text, or navigate in the library, everything is at your fingertips. There is no confusion possible.

Cameras are controlled with a joystick for intuitive and precise movements.

Share your work with colleagues in real-time or once the inspection is over using the video port or the USB port.

REELS, POLES

Reels and poles have been designed especially for your industrial environment, based on years of customer experience.

Telescopic poles are the answer for straight and short distance inspections. For long distance inspections with bends, use our set of push rods with various lengths and diameters.

Reels

Telescopic **Poles**

SERVICES

- Warranty extension
- Annual preventive maintenance
- Repair rebate program
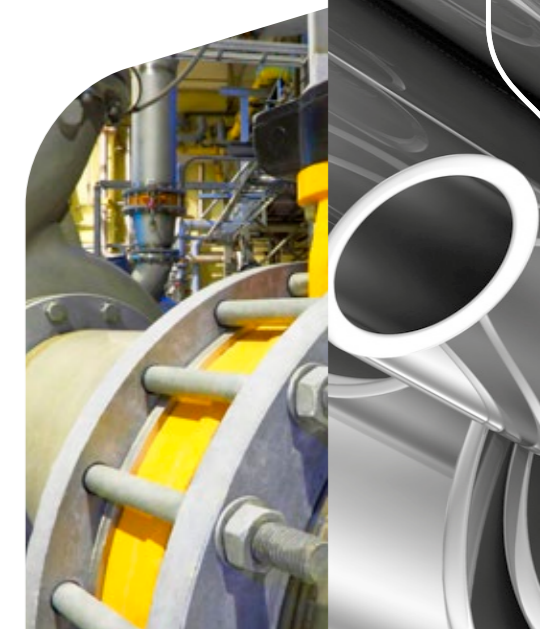- Equipment backup

ACCESSORIES

- Neck belt (included)
- Fixing kit (included)
- Anti-glare sun shade
- Centering sleeves
- Clamps and articulated arms
- LED centering device

KEY FEATURES

- Compact, plug & play
- Real-time estimate of tip to target distance with camera focus
- Light intensity adjustment
- Change camera head without rebooting
- 4-hr battery autonomy
- Compact case
- UV and IR versions

OPTIONS

- Completely stainless steel camera for contaminated environments
- Push rod with Teflon
- LED monitoring per quarter
- External battery or 12V cable
- Case with trolley
- Centering sleeves upon request

Top quality, Robust, Plug & Play

Visioprobe cameras set the standard in industrial endoscopy

CAMERAS

Very small diameters, but with all Pan & Tilt features. Visioprobe cameras are easy to use, waterproof and highly robust (an outer shell in aluminium or stainless steel for contaminated environments, sapphire lens). They adapt to your needs and are very durable.

The powerful LED Lights can be manually adjusted. They have been designed to prevent reflections or overexposure issues. With manual focus, from very close to infinity, you get a perfect image in any situation.

Our 28mm and 45mm cameras are the best sellers. With different diameters and objectives, they will cover all you applications.

CAMERAS

Reference	VPF28	V45A / VP45X	VP28X
Diameter	28 mm	45 mm	28 mm
Length	65 (head); flexible	145 mm	147 mm
Weight	0.19 kg	0.4 kg	0.4 kg
Camera head	Stainless Steel	Aluminum alloy / Stainless Steel	Stainless Steel
Sensor	CMOS 1/4" ; 0,025 Lux ; 480LTV ; shutter Auto	CMOS 1/4" ; 0,025 Lux ; 480LTV ; shutter Auto/manual	CMOS 1/4" ; 0,025 Lux ; 480LTV ; shutter Auto/manual
Focal length	2.6 mm	2.6 mm	4.7 mm
Field of view	80°	80°	50°
Focus range	focus 5 mm to infinity	focus 5 mm to infinity	focus 14 mm to infinity
Lighting	15 LEDs	24 LEDs	12 LEDs - per 1/2
Pan and Tilt	no	Pan: 360° infinitely Tilt: -110° to +110°	Pan: 360° infinitely Tilt: -90° to +90°
Shield window	sapphire	sapphire	sapphire
Waterproof	2 bar	2 bar	Yes
Pipe range	from DN 40	from DN 100	DN 70
Operating temperature	-30 °C to +65 °C	-30 °C to +65 °C	-30 °C to +65 °C

CONTROL UNIT

Reference	VPBAI
Screen	LCD Tactile 7"
Body	Polycarbonate ultra resistant
Autonomy	4 hours
Power	Sector adaptor 110- 230V / 12V DC
Control	Joystick
Light intensity adjustment	Manual
Information on screen	Electronic meter count, battery level, hour, push rod length, text overlay
Data storage	USB key
Data format	Jpeg / mpeg4
Video output	BNC PAL
Weight	2 kg

TELESCOPIC POLES

Reference	VPPERCARBONE27	VPPERCARBONE56
Dimension	Carbone telescopic pole 2.7m long with 6 sections, 0.6m when folded. With mounting bracket for pan&tilt camera.	Telescopic pole 5.6m long with 6 sections and indication rings, 1.1m when folded. With mounting bracket for pan&tilt camera.
Made of	Carbone	Carbone
Weight	0.49 kg	0.75 kg

REEL

Reference	VPDEV30	VPDEV60	VPDEV50S
Push rod diameter	8 mm	8 mm	Reel for Flexible Cable
Push rod length	30 m	60 m	Up to 50 m. Length to be confirmed Cable not included in reel ref.
Bend radius	170 mm	170 mm	-
Meter count	Electronic	Electronic	Electronic
Braking system	Clamp ring	Clamp ring	Retaining stop and Manual crank
Control unit fixing hole	1	2	1
Dimension	490 x 214 x 530 mm	680 x 310 x 735 mm	490 x 214 x 530 mm
Weight	9.6 kg	18.4 kg	6.1 kg (w/o cable)

CASE

Reference	VPVAL	VPVALM	VPVALF	VPBACKPACK
Type	Standard case for control unit, cameras, cable and accessories (excl. pole and reel)	Rifle case for control unit, cameras, cable and VPPERCARBONE27 telescopic pole	Rifle case for control unit, cameras, cable and VPPERCARBONE56 telescopic pole	Rugged compact backpack for control unit, cameras, cable and accessories (excl. pole and reel)
Dimension	520 x 435 x 230 mm	989 x 415 x 157 mm	1189 x 415 x 189 mm	460 x 330 x 260 mm
Made of	Unbreakable copolymer polypropylene	Unbreakable copolymer polypropylene	Unbreakable copolymer polypropylene	A specially applied coating to the fabric which keeps resistant to moisture
Weight (with internal foam)	5.65 kg	7.1 kg	7.8 kg	1.29 kg

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