

# Videolab PX 250

**New:**  
portable and  
selfsupporting

The **VIDEOLAB PX250** is the very first self supporting, portable, robust, waterproof, dustproof and shockproof video endoscope system. It can be equipped with video probes from 4.5 to 8.5 mm diameter, rigid endoscopes and video microscopes.

## LED lightning:

- No bulb exchanges anymore (50.000 hours of operation)
- Very powerful



## Portable and selfsupporting:

- Self-supporting: 2.30 h on battery
- Large screen: 6.4"
- Interchangeable\* battery pack
- Connectable to 110-260 volts, 50-60 Hz
- Waterproof
- Strong (ABS)
- Lightweight: 4.5 kg
- Small : 245 x 249 x 223 mm

\* Supplementary battery pack on request



Supplementary  
battery pack

**FORT**  
IMAGING SYSTEMS

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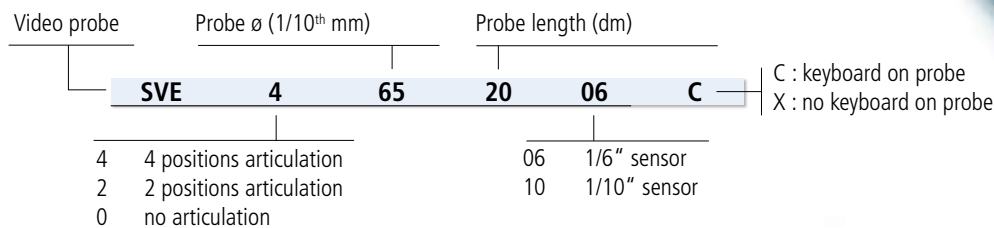
# Videolab



## Video endoscopes

Designation	SVE 245	SVE 460	SVE 485	SVE 065	SVE095
External diameter	Ø 4.5 mm	Ø 6 mm	Ø 8.5 mm	Ø 6.5 mm	Ø 9.5 mm
Useful length	1.5 m	2 m	2 m	6 m	6 m
Articulation	2x120°	4x140°	4x120°	-	-
Vision	0 and 90°	0°	0 and 90°	0 and 90°	0 and 90°
Field	55°	85°	55°	55°	55°
Depth of field	15 mm to ∞	5 mm to ∞	ajustable	15 mm to ∞	ajustable
CCD sensor (pixels)	320000	320000	470000	470000	470000
Format of the sensor	1/10"	1/10"	1/6"	1/6"	1/6"
Insertion sheath (braid)	Tunflex	Tunflex	Tunflex	Hytrell	Hytrell

NB: for any other diameter and length, please contact us.



## Optican® rigid endoscopes

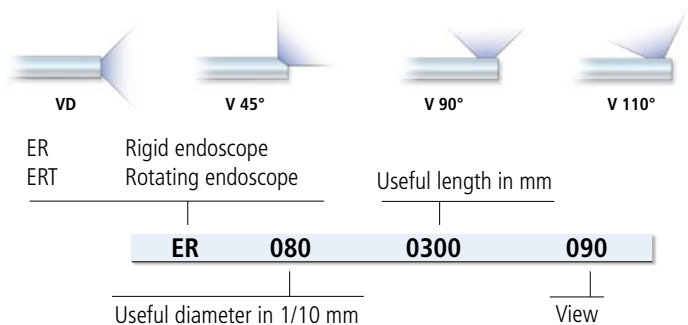
For precise inspections, the image resolution provided by rigid endoscope is unfeatable. The rigid and flexible endoscopes can be equipped with accessories such as Videolab (light source and video) and memory systems. With a direct vision endoscope, an optional mirror tube allows to inspect with side vision.

Useful Ø (mm)	Axis of vision	Useful length (mm)			
Ø 2.7	VD, V30, V70	55	105	175	
Ø 4	VD, V30, V70	175	302		
Ø 5.5	VD <sup>(1)</sup> , V45 <sup>(2)</sup> , V90 <sup>(2)</sup> , V110 <sup>(2)</sup>	139	342	464	586
Ø 8	VD <sup>(1)</sup> , V45 <sup>(2)</sup> , V90 <sup>(2)</sup> , V110 <sup>(2)</sup>	221	464	710	950
Ø 10	VD <sup>(1)</sup> , V45 <sup>(2)</sup> , V90 <sup>(2)</sup> , V110 <sup>(2)</sup>	221	464	710	950

<sup>(1)</sup> Mirror tube - <sup>(2)</sup> Rotation vision



Ref. : MC2 Camera



## Vidéo-microscopes

«Contact» and «Non-contact» objectives

Reference	Optical magnification on 36 cm screen		Field (mm)	Depth of field (mm)
OC 25	1/2 x	25 x	10 x 13	+/- 0.5
OC 50	1 x	50 x	6.5 x 5	+/- 0.4
OC 100	2 x	100 x	3.3 x 2.5	+/- 0.2
OC 200	4 x	200 x	1.6 x 1.3	+/- 0.1
OC 400	8 x	400 x	0.8 x 0.6	+/- 0.05



Ref. : Video-microscope  
REF-SEM 103396

