

Flexible videoendoscopes

"ARGUS" with 3DSIZER 3D measurement

COBB
FIBRE OTTICHE



AERONAUTICAL



ENERGY



AUTOMOTIVE



INDUSTRIAL



WELDING



CONSTRUCTION



ELECTRONICS



LAW ENFORCEMENT



High-tech measurement system consisting of an ARGUS 900 probe with operating unit. The ARGUS 900 videoendoscopic probes, compatible with FLASHPACK 900 and TIVE 900 MK2 units, feature interchangeable objectives and integrated LED illumination.

- Diameter: 4 mm up to 3 m length
- Diameter: 6 mm up to 8 m length
- Interchangeable axial and lateral objectives with standard or 3D stereo viewing
- Distal temperature alarm
- Orbital tip articulation via motorized joystick
- Probe video function controls and full remote control of the associated operating unit

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Compatible with ARGUS 900 probes, which enable full remote control of tip articulation and video functions, the TIVE 900 unit is dedicated to image visualization and recording.

When equipped with the 3DSIZER option and paired with ARGUS 900 probes featuring distal stereo tips, the TIVE 900 unit allows highly accurate in-situ three-dimensional measurements.

- 8.4" XGA monitor
- 3DSIZER 3D measurement system
- Real-time zoom
- Photo/audio and video/audio recording
- Removable battery, rechargeable within the TIVE 900 unit
- SVGA streaming output (monitor)
- Rugged TIVE 900 chassis with corner bumpers
- Operation via TIVE 900 unit keypad and probe-mounted keypad
- 10-button keypad for access to TIVE 900 processing functions and remote control of ARGUS 900 tip articulation and video functions



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“TIVE 900 MK2”

INTERFACE

FRONT PANEL

8.4" LED XGA monitor
10-button keypad
ON/OFF button

SIDE PANELS

Connectors for ARGUS 900, MUCAM 900
Remote connector for EXPLORATOR 900
TIVE 900 power supply and battery charging

REAR PANEL

Battery access compartment
USB key connection
Audio headphone connection
VGA output connector

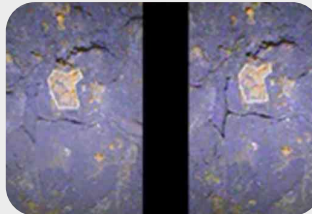
TECHNICAL SPECIFICATIONS

Code	TIVE-900-MK2 TIVE-900-MK2-L (without 3DSIZER software)
Storage format	JPEG & AVI
Storage support	USB key 32 GB internal drive
Audio recording	Associated with images and video
Menu languages	French, English, German, Russian
Probe input connectors	ARGUS 900 MUCAM T900 EXPLORATOR 900
Audio output	2 jacks 3.5mm
Video output	VGA connector SVGA signal
Batteries	Li-ion
AC power supply	90-250V 50/60Hz
Dimensions	L293x H228x D80mm
Weight	3.1 kg

MAIN FUNCTIONS

3D stereo measurement
Comparative measurement
Circle diameter measurement
Split screen
Mirror image
Add comments and indicator arrows
Date and time display
Zoom, freeze frame, video and photo
Mosaic or full-screen display
Battery level indicator
Playback of stored photos and videos
Deletion of images and videos
Internal or external memory selection
Motorized probe head control
Probe high temperature alarm

3D stereo measurement



Comparative measurement



Multi-image playback



Circle diameter measurement



Dual image display



Intuitive control



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ARGUS 900 PROBES Ø 6 mm

Diameter	Videoendoscope Code	Probe Length	Articulation Angle
4.0mm	VSD-60-A2-200I-ST9	2m	150°
	VSD-60-A2-300I-ST9	3m	
	VSD-60-A2-600I-ST9	6m	120°
	VSD-60-A2-800I-ST9	8m	90°

INTERCHANGEABLE OBJECTIVES FOR ARGUS PROBES Ø 6 mm

Diameter	Version	View. Direction	Field of View	Objective Code	Depth of Field	Number
6.0mm	standard	Axial	50°	TV60B-A50-Y41	100 mm to infinity	A61
				TV60B-A50-V82	50 mm to infinity	A62
				TV60B-A50-K164	12 mm a 200 mm	L63
			80°	TV60B-A80-N82 (1)	20 mm to infinity	A64
				TV60B-A80-E164	3 mm a 20 mm	A65
		100°	TV60B-A100-F106	5 mm a 120 mm	A66	
			120°	TV60B-A120-F70	4 mm a 190 mm	A67
		lateral	50°	TV60B-L50-V82	45 mm to infinity	L61
				TV60B-L50-K164	9 mm a 200 mm	L62
				TV60B-L80-D164	1 mm a 20 mm	L63
	80°		TV60B-L80-N82	20 mm to infinity	L64	
			100°	TV60B-L100-F106	4 mm a 120 mm	L65
	3D Stereo Measurement		Axial	50°/50°	TV60B-SA50-F98	5 mm a 80 mm
		lateral	TV60B-SL50-F98		2 mm a 80 mm	S62
		Axial	TV60B-SA50-N62		20 mm to infinity	S63
		lateral	TV60B-SL50-N62			S64

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ARGUS 900 PROBES Ø 4 mm

Diameter	Videoendoscope Code	Probe Length	Articulation Angle
4.0 mm	VSD-40-A2-200-ST9	2m	150°
	VSD-40-A2-300-ST9	3m	

INTERCHANGEABLE OBJECTIVES FOR ARGUS PROBES Ø 4 mm

Diameter	Version	View.Direction	Field of View	Objective Code	Depth of Field	Number
4.0mm	standard	axial	80°	TV40-A80 (1)	6 mm to 80 mm	AB41
		lateral		TV40-L80	4 mm to 80 mm	LB41
	3D Stereo Measurement	axial	40°/40°	TV40-SA40	5 mm to 45 mm	SB41
		lateral		TV40-SL40	4 mm to 45 mm	SB42



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