

Flexible videoendoscopes

“ARGUS” for UV inspections

COBB
FIBRE OTTICHE



AERONAUTICAL



ENERGY



AUTOMOTIVE



INDUSTRIAL



WELDING



CONSTRUCTION



ELECTRONICS



LAW
ENFORCEMENT



By integrating components specifically designed for ultraviolet light and imaging, ARGUS 900 UV videoendoscopic probes provide optimized UV light distribution to produce images with accurate fluorescence rendering.

The ARGUS 900 UV range is designed to operate with the VEGA 900 UV light source and the TIVE 900 MK2 operating unit.

- Diameters: 4 mm and 6 mm, up to 3 m in length
- Interchangeable objectives
- Orbital tip articulation controlled via joystick
- Automatic shutter
- Probe video function controls and full remote control of the associated operating unit
- Distal temperature alarm
- Integrated video-light cable for connection to the VEGA 900 UV light source and operating unit
- Interchangeable probes compatible with FLASHPACK 900 and TIVE 900 MK2 units

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Compatible with ARGUS 900 probes, which allow 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 enables 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

Connector for ARGUS 900, MUCAM 900
Remote connector for EXPLORATOR 900
TIVE 900 power supply connection

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 × 3.5 mm jacks

Video output

VGA connector | SVGA signal

Batteries

Li-ion

AC power supply

90-250V 50/60Hz

Dimensions

L293x H228x D80mm

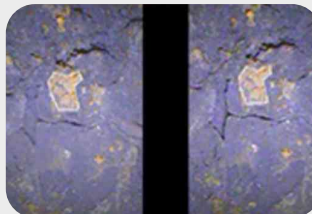
Weight

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, image freeze, video and photo
- Mosaic or full-screen images
- Battery level indicator
- Playback of stored photos and videos
- Deletion of videos and images
- 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 4 mm FOR UV INSPECTIONS

Diameter	Videoendoscope Code	Probe Length	Articulation Angle
4.0mm	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°	TQ40-A50-H130 (2)	7mm to 50mm	QA40
		lateral		TQ40-L50-H130	5mm to 50mm	QL41
	Stereo Measurement	axial	35°/35°	TQ40-SA35-H83	6mm to 45mm	QS41
		lateral		TQ40-SL35-H83	4mm to 45mm	QS42

ARGUS 900 PROBES Ø 6 mm FOR UV INSPECTIONS

Diameter	Videoendoscope Code	Probe Length	Articulation Angle
6.0mm	VSD-60-A2-200-ST9	2m	150°
	VSD-60-A2-300-ST9	3m	

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	80°	TQ60-A80 (2)	6mm to infinity	QA61
		lateral		TQ60-L80	4mm to infinity	QL63
	Stereo Measurement	axial	50°/50°	TQ60-SA50	5mm to 45mm	QS61
		lateral		TQ60-SL50	3mm to 45mm	QS62

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