

VTec S Videoscope



- Interchangeable probes
- 8" high resolution touchscreen
- Dual Cam for forward and side view

VTec S Videoscope



Brilliant high resolution
8" touchscreen



Forward view



Forward view + side view

Quickly exchangeable probes
with different diameters and
working lengths



Robust articulation mechanism
and probe bending for 360°



Latest CMOS camera
technology and controlling
system for precise steering

TECHNICAL DATA

Camera technology

CMOS

Illumination

LED or Fiber-optic (available in white light)

Display

High resolution 8" touch screen

Power supply

4 rechargeable batteries, Type: 18650-protected; AC power adaptor

White balance

Automatic or manual

Image storage

Photo

BMP, JPG, PNG

Video

AVI

Medium

SD card or PC through Mini USB

Articulation

Control

4-way motorized with joystick

Real time with lock function

Connections

SD Card, Mini USB, HDMI, Power adaptor

Base unit and probe

Protection class

Handset IP54, Probe IP67

Ambient temperature

Handset -10°C to +50°C, Probe -20°C to +70°C

Dimensions

base unit 24.4 cm (L) x 23.5 cm (W) x 5.5 cm (H)

Weight

From 2.3 kg, depending on probe

PROBE VERSIONS

Diameter [mm]	Working length						
	1 m	1.5 m	2 m	3 m	5 m	8 m	10 m
2.9 mm*	•	•	•				
3.9 mm**	•	•	•	•			
6.1 mm	•	•	•	•	•	•	•

* Tolerance max. 0.1 mm

** Tolerance max. 0.2 mm

	FN		FM		FF		SN		DM	
	DOF [mm]	FOV [°]	DOF [mm]	FOV [°]	DOF [mm]	FOV [°]	DOF [mm]	FOV [°]	DOF [mm]	FOV [°]
2.9 mm*	3 - 50	120								
3.9 mm**			8 - 150	110	50 - ∞	60/80	3 - 30	90	5 - 100 3 - 50	100 90
6.1 mm			8 - 150	110	50 - ∞	70			7 - 080 3 - 30	100 90

FN Forward Near **FM** Forward Mid

FF Forward Far **SN** Side Near

DM Dual-Cam Mid

* Tolerance max. 0.1 mm

** Tolerance max. 0.2 mm

Customized performance on request.

INCLUDED ACCESSORIES

- Transportation case (trolley)
- Signal cable for VTec S 2m (between monitor and probe handle)
- Battery charger (4-slot)
- Li-Ion rechargeable batteries (type 18650B), 4 pieces
- Power adaptor

OPTIONAL ACCESSORIES

- GTR (Guide Tube Rigid) with handle
- Dekabon tubing (semiflexible guide tube)
- Centering aid (for centering video probes in tubes)
- "Magic Arm" (big or small holder)
- Magnet stand
- WLAN SD card, SD USB reader
- Li-Ion Akku (Typ 18650B)

Subject to technical changes.

DRIVING NDT SOLUTIONS

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