

VIDEOSCOPE VTECH-X



The VTec X videoscope from KARL STORZ NDTec has been designed to meet the specific demands of rough industrial use.

Razor-sharp images, easy handling, mobility and an unbeatable price-equipment ratio make the VTec X an all-rounder for multiple inspections.

KARL STORZ NDTec combines the expertise of two leading companies: KARL STORZ, a global leader in the field of medical endoscopy and NDTec, an experienced specialist in non-destructive testing. First-class technology that has proven its worth in the medical field is used for the industrial sector and further developed in an innovative way.

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Reference nr of model	Diameter(mm)	Length (m)	Bending(°)	Direction of view DOV(°)	Depth of filed DOF (mm)	Field of view FOV(°)	Resolu°(px)
VTec XC310FN	2,8	1	130 ±10	0	3 - 50	120	624 x 624
VTec XC315FN	2,8	1,5	120 ±10	0	3 - 50	120	624 x 624
VTec XC320FN	2,8	2	110 ±10	0	3 - 50	120	624 x 624
VTec XC410FM	3,9	1	170 ±10	0	7 - 80	90	1280 x 960
VTec XC415FM	3,9	1,5	170 ±10	0	7 - 80	90	1280 x 960
VTec XC420FM	3,9	2	150 ±10	0	7 - 80	90	1280 x 960
VTec XC430FM	3,9	3	120 ±10	0	7 - 80	90	1280 x 960
VTec XC450FM	3,9	5	100 ±10	0	7 - 80	90	1280 x 960
VTec XC610FM	6,1	1	170 ±10	0	7 - 80	90	1280 x 960
VTec XC615FM	6,1	1,5	170 ±10	0	7 - 80	90	1280 x 960
VTec XC620FM	6,1	2	150 ±10	0	7 - 80	90	1280 x 960
VTec XC630FM	6,1	3	130 ±10	0	7 - 80	90	1280 x 960
VTec XC650FM	6,1	5	120 ±10	0	7 - 80	90	1280 x 960

HANDS-FREE: PRACTICAL BACKPACK

For unrestricted freedom of movement. Ideal for applications where a case cannot be transported.



OPTIONAL ACCESSORIES

- Backpack
- GTR (Guide Tube Rigid) with handle
- Dekabon tubing (semiflexible guide tube)
- Centering aid (for centering video probes in tubes)
- „Magic Arm“ (large or small holder)
- Magnetic stand
- Wireless SD card (WLAN), SD USB reader
- Li-ion rechargeable batteries 18650-protected

TECHNICAL DATA

Camera sensor	CMOS
Light source	LED white light, infrared, ultraviolet
Screen	5,5" 16:9, Full HD
Power supply	4 rechargeable batteries, type: 18650-protected 3.6/3.7 V
White balance	Automatic/manual
Image storage	
Photo	.bmp
Video	.avi
Medium	SD card, SDHC class 2, max. 128 GB
Data transmission	SD card, USB 2.0, wireless (optional)
Articulation	
Range	360°
Control	4-way motorized with joystick
Sensitivity	lock, incremental, normal
Connections	
Voltage	3.6 V, DC
Data transmission	Micro USB 2.0
Image transmission	HDMI 2.1
Base Unit	
Protection class	Handset IP54, probe IP65
Ambient temperature	Handset -10°C to +50°C, probe -20°C to +70°C

