

PRODUCT DESCRIPTION



MADE IN GERMANY

V400 +Z

3 Chip-Color-Camera for endoscopic applications with Zoom function & Sharpness



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V400+Z

V400+Z is a 3-CCD video camera of the latest generation with excellent image quality and outstanding colour reproduction for professional requirements. The **V400+Z** can be used for every endoscopic application with high demands. It is easy and flexible to use.

Via multifunctional push-buttons on the camera head it is possible to remote more than two camera functions.



The **V400+Z** can be adjusted individually via integrated On-Screen-Menu. Settings are stored in an internal memory. High speed, complete digital image processing, separated for red, green and blue colour channels, enables high end image quality.

V400+Z camera head is very small and light weightedly designed.

A wide range of different TV-Adapters can be attached to the C-Mount thread to choose the best focus length to the procedure.

■ DIGITAL ZOOM

100-150% switch able up to 49 steps

■ FLEX FILTER

This electronically FLEX Filter avoids MOIRÉE Effects when working with flexible fibre endoscopes.

■ ON-SCREEN-MENU

Camera settings (like contrast, brightness, color, area) can be made in the On-Screen-Menu. Settings are stored in memory.

■ MODE

Mode function allows the doctors to change the different used endoscope from E.N.T., Arthroscope, Laparoscope and all different endoscopes

■ SHARPNESS

Speical function to let the vessels to be seen much more clear

■ STERILISATION

Camera head with cable and connector (using attached cap) can be immersed in a disinfectant solution.

DIGITAL 3-CCD VIDEO CAMERA

Technical Data

Video system	PAL	
CCD sensor	3 x 1/3 with 440.000 active pixel	
Video resolution	800 TV-lines horizontal	
Shutter control	1/50 to 1/50000	
S/N	63 db	
Sensitivity	< 1lx	
Video system	NTSC	
CCD sensor	3 x 1/3 with 380.000 active pixel	
Video resolution	800 TV-lines horizontal	
Shutter control	1/60 to 1/50000	
S/N	64 db	
Sensitivity	< 1lx	
Min distance focal	13.8mm	
Outputs	1 x RGB/ COMP 2 x Y/C 2 x CVBS	
Settings	On-Screen-Menu	
Power supply	100 - 240 VAC	
power watts	26watts	
Dimensions (WxHxD)	CCU	353 x 103 x 253 mm
	Head	33 x 35 x 83 mm
Weight	CCU	4,7 kg
	Head	115 g
Head	C-Mount thread, immersable two push-buttons for remote high flexible cable: 3 meter (6,5 meter optional)	
Class / Type	I / BF	
Manufactured and tested acc.	IEC 601-1 /  EN 60601-1 93/42 ECC	
Delivery contains	CCU, camera head with 3 meter cable Mains cable RGB cable, Y/C cable, BNC cable User manual	

