



# COMBO-3 Processor Unit C3P14



## Technical Specifications

Device		C3P14
Dimensions (WxHxD)		400 x 170 x 450 mm
Weight		10.2 Kg
Power Supply		220 VAC, 50 Hz
Medical Product Class		I
Applied Part Classification		Type BF Applied Part
Electric Safety Class		I
EMC-Classification 5501		1B according to DIN EN 60601-1-2
Manufactured and Tested		EN 60601-1, RL 93/42/EWG
Environmental Conditions		
Temperature (Operation)		+10°C to +40°C
Temperature (Transport and Storage)		-20° C to +45°C
Max. relative humidity		During operation: 70% During storage and transport: 70%
Image Features		
Video Systems		PAL
Digital video interface		DVI-I
Analogue video interface		S-video (Y/C); FBAS (Composite), RGB
Interface		RS232, USB (optional)
Structure Enhancement		Adjustable (4-steps)
Color Adjustment		Red/blue intensity can be adjusted individually
Internal image storage		16 image memory
Automatic brightness control		Peak and average adjustment
Light Source Features		
Lamp		LED
CRI (color rendering index)		≥90 , High CRI
Quality and Color temperature		5000K ~ 7000K
Main lamp Life time		50,000 hours
Intensity adjustment		Automatic/Manual light intensity control
Brightness control		Adjustable (±50 Level)
Air insufflation		40-50 kPa
Endoscope connection / socket		Gastroscope and colonoscope only Combo-3
Delivery		
Delivery contains		COMBO-3 (Video Processor), power cable, Y/C cable, BNC cable, HDMI - DVI cable, user manual

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