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RZ
Medizintechnik
GmbH
Progress in Surgery

High End Camera System F3



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HIGH END 3-CHIP CAMERA SYSTEM F3

PURE NATURAL COLORS 

F3 - The pride of the RZ Equipment range and flagship in medical camera systems. A Full HD camera system generates crystal clear images of highest resolution with 1920 x 1080 p. The latest MOS technology produces pure natural colors for safe and unequivocal diagnoses.

A user-friendly multilingual menu allows a large variety of setups for individual procedures and surgeons preferences. The ergonomic camera head features 3 remote control buttons which can be programmed by the user as required during surgery. A multitude of digital video outputs allows the best possible picture transmission to the medical grade monitors.

- Full HD Resolution 1920 x 1080p
- Pure natural colors
- Multilingual user screen menu
- Programmable 3 button camera head included
- Multitude digital outputs



300-001-800
HD Camera F3 - High End

Delivery contains:

- Main Unit
- Camera head
- YPbPr/RGB cable
- BNC cable
- HDMI - DVI cable
- HDMI cable
- S-Video cable
- Jack Cable
- Mains cable
- User manual

FULL HD

HIGH END CAMERA SYSTEM



300-001-802
High-End camera
head included



User-friendly, splash-
proofed display



Skid-proof pedestals



OPTIONAL ACCESSORIES



300-001-813 f=14mm
 300-001-814 f=25mm
 300-001-815 f=28mm
 c-mount, soakable, Full HD



250-018-050
 Zoom parfocal
 Stays in focus while adjusting
 zoom magnification
 f=18-50 mm, c-mount, soakable
 Full HD



250-015-036
 Zoom-TV-Adapter
 f=15 - 36mm
 c-mount, soakable
 Full HD



250-020-025 F=25mm (splitting 90/10)
 250-020-030 F=30mm (splitting 90/10)
 Beamsplitter, allows simultaneous video and
 direct views, c-mount, soakable, Full HD



250-022-025 F=25mm
 250-022-030 F=30mm
 Angled 90°, with swivel and fixation,
 c-mount, soakable, Full HD

F3



300-001-615
 Title generator keyboard, waterproof IP68
 US-Layout, PS/2 Connector, cable 1.8m
 Color: grey, 305x140x15mm, 600gr.



300-001-610
 Footswitch for HD Cameras,
 cable length: 2m

HD CAMERA F3

Camera head

- Aspect ratio: 16:9
- Image sensor: 3 - Chip
- Immersible (using the attached cap)

System

- Image resolution: Full HD 1920 x 1080
- TV resolution: > 1000 lines
- Sensivity: < 3 lux (1/1.4)
- White balance automatically, with data hold
shutter speed: 1/50 (1/60) to 1/100.000 sec
- Power supply: 100 / 240 V, 50-60 Hz
- Power consumption: 20W
- Fuses: 2 Fine fuses, 5x20 mm, delay acting 3,15 AT (I=1500A)

Video out terminal

- 2 x HD SDI
- 1 x HDMI / DVI
- 1 x YPbPr (Component)
- 1 x Y/C (Pal / NTSC)
- 1 x CVBS (Pal / NTSC)

Standard

- Protection class: I
- Application part: Type BF
- IEC 601-1, EN 60601-1; classification acc. 93/42/EEC: I

Features

- White balance, boost function • On-screen-menu
- 3 user settings storable • 2.5x digital zoom
- Freeze function • Character generator

Dimensions

- Control unit: 380 x 120 x 360 mm (WxHxD); 11 kg

