FiberTech
Product & Technology Integrator

FC-304 and FL-301 provides bright and vivid images by means of high sensitivity 3CMOS HD camera and High Brightness 3LED light source.

- Latest image technology offers vivid images and prevent halation.
- Provided as 3CMOS HD camera and 3LED light source separately.
- Provides bright and vivid images by means of high sensitivity 3CMOS HD camera and super luminosity 3LED light source.
- RGB 3 LED light source provides improved images with superior color rendering properties and homogenous illumination.
- Optional foot switch enables 16 steps of light control of FL-301.
- Smaller and lighter than the existing FT-203F imaging system.
- Type FC-304F has a built-in filter which cuts 532nm of green laser wave length.

Video Camera for Endoscope 3CMOS HD Camera FC-304

Light Source for Endoscope with external power supply 3LED Light Source FL-301

3CMOS HD Camera FC-304 Product No.: 101-3010(Type FC-304)、Product No.: 101-3011(Type FC-304F)

- High quality of images are achieved by meeting Full HD (1920x1080) specifications.
- Superior color reproducibility is obtained by 3CMOS image sensors.
- Multi image outputs are equipped. (HD-SDIx2, DVI-Dx1, S-video x 1, VBS x 1)
- Electric zoom function is equipped from 1 to 4times.
- Detailed image parameter adjustment function optimize the images as to the regions of observation. (Maximum 4 scenes of preset are available.)
- Newly developed image processor provides vivid images and prevent halation of close range vision
- Type FC-304F has a built-in filter which cuts 532nm of green laser wave length.

【 Specifications 】

Image Pickup Device	3CMOS Full HD
Effective Pixels	1920(H) X 1080(V)
Output signal	HD-SDI 1920×1080 i/p BNC 2ch
	DVI 1920×1080 i/p 1ch
	Composite (VBS) BNC 1ch NTSC/PAL
	Y/C S-Video S terminal 1ch NTSC/PAL
Filter	532nm built-in Cut Filter (equipped with Type FC-304F only)
Power Requirement	AC 100V to 240V (50/60Hz)
Power Consumption	30VA to 45VA (100V)
Dimensions	280(W) x 98(H) x 318(D) mm
Weight	4kg

3LED Light Source FL-301 (Product No.: 101-3020)

- RGB 3 primary color LED light source provides superior color rendering properties.
- 16 steps of light control is available.
- Optical System which is optimized for endoscopes provides homogenous illumination.
- Long life time and low power consumption (less than half) are achieved compared with the xenon lamp light source for existing FT-203F.
- Optional foot switch enables light control.
- Applied for NISCO's Light Guide Plug (10mm of outer diameter) as well as FiberTech's Light Guide Plug.

【 Specifications 】

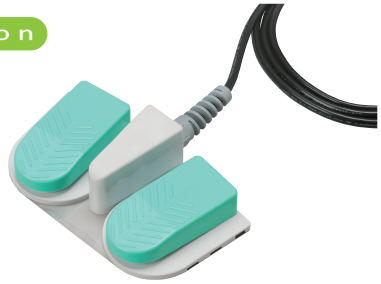
Light Source	High Brightness LED	R(Red), G(Green), B(Blue)
Light Control	Electric controlled 16 steps	
Power Requirement	AC 100V to 240V (50/60Hz)	
Power Consumption	46VA to 54VA (100V)	
Dimensions	280(W) x 78(H) x 318(D) mm	
Weight	4.5kg	

*Equipped LED does not produce infrared light and ultraviolet light.

Foot Switch SFJ-1W2F (Product No.: 104-3010)

- Operators can take effective control of light source by themselves.

Option



【 Specifications 】

Water Resistant	IPX8
Dimensions	174(W) x 43(H) x 95(D) mm
Cable Length	5m
Weight	675g (including cable)

■Specifications and appearance should have been changed without notice.

Manufactured by:
FiberTech Co., Ltd.
409-1 Nishimikado, Sakura City, Chiba 285-0074, Japan
Contact Information:
Phone: +81-3-5259-7600 FAX: +81-3-5259-1155

*Regulatory clearance pending outside Japan. Not for sale or general use. Reference information for distributor only.