

Duo™ FullHD & LED

Endoscopic Camera & Lightsource

- FullHD 1CMOS camera technology
- LED lightsource 180W Xenon equivalent
- 3 programmable buttons on camera head
- Integrated USB recording
- 2 in 1 compact solution

- Ideal for small cavity: URO, ENT, HYSTERO, ARTHRO
- 1920 x 1080p high-quality image
- 50.000 hours LED life-time
- Integrated USB record
- Intuitive navigation
- Portable solution
- Pre-, intra- and post-operative use
- Controllable via 3 programmable buttons easy to reach and providing a minimum of 8 functions



Recommended Accessories

| | Item no. | |
|---|------------|--|
| HD Coupler, C-mount, focal length 24 mm, for Ackermann Duo™ | 15-1702CLD | |

Technical Specifications

Item # 16-2009 / Duo™ 1CMOS FullHD Camera & LED Lightsource

Camera Control Unit + LED

| | |
|---|--|
| Automatic white balance | Save function to memorize the settings |
| Video Outputs: 1 HDMI; 1 HD-SDI/3G-SDI; 1 USB 3.0 micro B | Reset function to restore to the factory settings |
| Recommended USB stick format: FAT32 | Digital zoom up to 2.5x |
| Electronic iris shutter | FullHD Images recorder integrated(USB)/ Format .tiff |
| Compatible with Ackermann, Storz ¹ and Olympus ¹ light cables | Touchscreen with intuitive interface |
| LED lightsource technology equivalent to 180 W Xenon | 17 languages |
| Manual adjustment of the light intensity | Dimensions: 260 x 100 x 215 mm |
| Anti-blinding feature with light cable detection | Weight: 1.9 kg |
| Automatic thermal protection system | Protection type: IPX0 (not drip-proof) |
| LED life time up to 50.000 hours | Power supply: 100 - 240 VAC / 50 - 60 Hz |
| Colour temperature: 5.000 K | Power consumption: 85 - 95 VA |
| Brightness, details, red and blue gains, color adjustments | 2 x T 1.6 A - 250 V fuses (Marked UL/CSA only) |
| Gain Off / Low / High | Continuous service |
| On-screen displayed adjustments | |

Camera Head

| |
|--|
| 1x CMOS Exmor R™ technology 1/2" FullHD sensor |
| 3 programmable buttons |
| Resolution: 1920 x 1080 pixels |
| Definition: 1080 lines |
| Cable length: 2.99 m |
| Dimensions: 130 x 47 mm |
| Weight (camera head only): 152 g |
| Protection type: (waterproof) |

Coupler

| |
|--|
| 24 mm HD coupler |
| C-mount, scope holder with locking mechanism |
| Weight: 87 g |
| Protection type: (waterproof) |