



Duo™ FullHD & LED

Endoscopic Camera & Lightsource

Duo™ FullHD Camera & LED Lightsource

Key Features

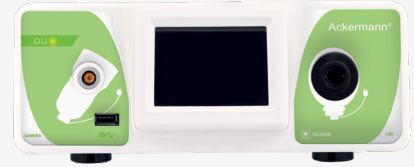
- **FullHD 1CMOS camera technology**
 - **LED lightsource 180W Xenon equivalent**
 - **3 programmable buttons on camera head**
 - **Integrated USB recording**
 - **2 in 1 compact solution**
-
- Ideal for small cavity: URO, ENT, HYSTERO, ARTHRO
 - 1920 x 1080p high-quality image
 - 50.000 hours LED life-time
 - 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

Attention: 15-1702CLD - HD Coupler, C-mount, focal length 24 mm, for Ackermann Duo™ not included !



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 ^l and Olympus ^l 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: IPX7 (waterproof)

Coupler

24 mm HD coupler
C-mount, scope holder with locking mechanism
Weight: 87 g
Protection type: IPX7 (waterproof)



www.ackermannsurgical.com



Ackermann Instrumente GmbH
Eisenbahnstrasse 65-67
78604 Rietheim-Weilheim, Germany

Revision 04/22