



TRYCARE SURGICAL INSTRUMENTS

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ENDOSCOPES VIDEO CAMERAS



SD Card 16GB Included.

- ☐ Usage:
 - For flexible video - cystoscope
- ☐ Features:
 - Control unit for camera
 - Light source
- ☐ Functions:
 - White balance, manual
- ☐ Technical Data:
 - Lamp type: LED 80 W
 - Color temperature: 5000 K - 6500 K
 - Life time of lamp: 20.000 h
 - Power supply: AC100 V - 240 V 50/60 Hz
 - Power: 150 Watt
 - Video output: AV
 - SD Card: 16 GB
- ☐ Size: 400 mm 112 mm 300 mm (W H D)
- ☐ Weight : 7 kg

Control Unit SD-300A

P6698EA



SD Card 16GB included.

- ☐ Usage:
 - For flexible video - bronchoscope and Rhinolaryngoscope
- ☐ Features:
 - Control unit for camera
- ☐ Functions:
 - White balance, manual
- ☐ Technical Data:
 - Power supply: AC100 V - 240 V 50/60 Hz
 - Power: 30 Watt
 - Video output: AV
 - SD Card: 16 GB
- ☐ Size: 400 mm 112 mm 300 mm (W H D)
- ☐ Weight : 8 kg

Control Unit SD-300C

P6695EB

MONITOR AND CAMERA

MONITOR AND CAMERA



Without batteries

- ☐ Features:
 - Color Image display, photo and video
- ☐ Technical Data:
 - Output: Mini USB 2.0 / AV-3.5
 - Screen 8"
 - SD Card (Max. 32 GB SDHC)
 - Display resolution 800 × 600
 - Power supply: DC 5V 3A
 - Size: 280 mm × 210 mm × 50 mm (W x H x D)
 - Battery: 18650 type, 4 x 3.7V , 2200 mAh

Monitor 8"

P9442EA



- ☐ Features:
 - Connecting portable videoscope and 8" Monitor
- ☐ Technical Data:
 - Cable : 2m

Cable for Monitor

PA4015



- ☐ Technical Data:
 - Battery type: 18650, 3.7 V, 2200 mAh

Battery

P9422



Use with Monitor 8" P9442EA

- ☐ Features:
 - Waterproof CCD camera head
 - Three button control
 - White balance
 - Brightness adjustment
- ☐ Functions:
 - CCD brightness control, manual
 - White balance, manual
 - Connecting rigid endoscope and 8" monitor
- ☐ Technical Data:
 - Image sensor: 1/3" CCD
 - Resolution: 560 TV lines
 - Min. sensitivity: 0.8 lx, F1.2
 - System: PAL
 - Camera cable: 3 m


Camera Head


PAL

P4330AP

ENDOSCOPES VIDEO CAMERAS

ENDOSCOPE VIDEO CAMERA

	<ul style="list-style-type: none"><input type="checkbox"/> Features:<ul style="list-style-type: none">- Waterproof CCD camera head- Two button control<ul style="list-style-type: none">- white balance- magnification<input type="checkbox"/> Functions:<ul style="list-style-type: none">- Magnification- CCD brightness control, manual- White balance, manual<input type="checkbox"/> Technical Data:<ul style="list-style-type: none">- Image sensor: 1/3 " CCD (4 : 3)- Resolution: 560 TV lines- Min. sensitivity: 0.8 lx, F1.2- Power supply: AC 100 V - 240 V 50/60 Hz- System: PAL or NTSC- Video output: S - Video (Y / C), Video (BNC)- Camera cable: 3 m<input type="checkbox"/> Size: 400 mm × 112 mm × 300 mm (W × H × D)<input type="checkbox"/> Weight: 5 kg	
CCD Camera HK - 162 S	NTSC	P4310ENA
CCD Camera HK - 162 S	PAL	P4310EPA

	<ul style="list-style-type: none"> <input type="checkbox"/> Features: <ul style="list-style-type: none"> - Waterproof camera head - 4 user setting <input type="checkbox"/> Functions: <ul style="list-style-type: none"> - White balance, manual - Image freeze - Brightness adajustment - Magnification <input type="checkbox"/> Technical Data: <ul style="list-style-type: none"> - Image sensor: 1/3 " CMOS (16:9) - Resolution: 1080 TV lines - Min. sensitivity: 1 lx, F1.2 - Power supply: AC 100 V - 240 V 50/60 Hz - Video output: DVI-D, HDMI VGA, Video (BNC, PAL) - Camera cable: 3 m <input type="checkbox"/> Size: 400 mm × 112 mm × 300 mm (W × H × D) <input type="checkbox"/> Weight: 5 kg
HD Camera HK - 162H	P4323EB

ENDOSCOPES VIDEO CAMERAS



- **Features:**
 - Waterproof camera head
 - 4 user settings
- **Functions:**
 - White balance, manual
 - Image freeze
 - Red and blue adjustment
 - Brightness adjustment
- **Technical Data:**
 - Image sensor: **3 x 1/3" CMOS (16:9)**
 - Resolution: **1080 TV lines**
 - Min. sensitivity: 4 lx, F1.2
 - Power supply: AC 100 V - 240 V 50/60 Hz
 - Video output: DVI - D, HD - SDI,
S - Video (Y/C), Video (BNC, PAL)
 - Camera cable: 3 m
- **Size:** 400 mm × 112 mm × 300 mm (W × H × D)
- **Weight:** 5 kg

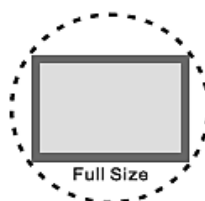
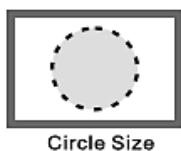
HD Camera HK - 162H 3 Chips

P4325EA

	Adaptor 14	f = 14 mm	P7204A
	Adaptor 18	f = 18 mm	P7205
	Adaptor 22	f = 22 mm	P7206A
	Adaptor 25	f = 25 mm	P7207
	Adaptor 27	f = 27 mm	P7208
	Adaptor 32	f = 32 mm	P7209
	Adaptor 18	f = 18 mm	P7100
	Adaptor 23	f = 23 mm	P7120
	Adaptor 25	f = 25 mm	P7121
	Adaptor 27	f = 27 mm	P7123
	Zoom Adaptor	F18 - F30	P7231

ENDOSCOPES VIDEO CAMERAS

	1/3 CCD	1/3 CMOS
f = 13 mm	-----	for \varnothing 6.4 HAWK Hysteroscopes for all \varnothing 2.7 and \varnothing 4 HAWK telescopes (circle size)
f = 18 mm	for all \varnothing 4 HAWK telescopes and \varnothing 6.4 HAWK hysteroscopes (circle size)	-----
f = 22 mm	for all \varnothing 2.7 and \varnothing 3 HAWK telescopes (circle size)	for all \varnothing 10 HAWK laparoscopes (full size)
f = 25 mm	for all \varnothing 10 HAWK laparoscopes (full size)	for all \varnothing 5 and \varnothing 10 HAWK laparoscopes (full size)
f = 27 mm	for uretero reoscopes (circle size), for all \varnothing 5 and \varnothing 10 HAWK laparoscopes, for all HAWK laryngoscopes (full size)	for all \varnothing 4 HAWK telescopes (full size)
f = 32 mm	-----	-----



LIGHT SOURCES

LIGHT SOURCES



- ☐ Features:
 - Stabilized voltage supply
 - 2 light outlets
- ☐ Functions:
 - Manual light intensity adjustment with indicator
- ☐ Technical Data:
 - Lamp type: Halogen 250 Watt, 24 V
 - Color temperature: 3600 K
 - Life time of lamp: 50 h (on continuous use)
 - Power supply: AC 100 V - 120 V 50/60 Hz or AC 200 V - 240 V 50/60 Hz
- ☐ Size: 400 mm × 112 mm × 300 mm (W × H × D)
- ☐ Weight: 7 kg

Light Source LWX - 300

P2201EA



- ☐ Features:
 - Stabilized voltage supply
- ☐ Functions:
 - Manual light intensity adjustment
- ☐ Technical Data:
 - Lamp type: **LED 60 W**
 - Color temperature: 5000 K - 6500 K
 - Life time of lamp: 20.000 h
 - Power supply: AC 100 V - 240 V 50/60 Hz
- ☐ Size: 400 mm × 112 mm × 300 mm (W × H × D)
- ☐ Weight: 7 kg

Light Source LED - 100

P2316E







- ☐ Features:
 - Stabilized voltage supply
- ☐ Functions:
 - Manual light intensity adjustment
- ☐ Technical Data:
 - Lamp type: **LED 80 W**
 - Color temperature: 5000 K - 6500 K
 - Life time of lamp: 20.000 h
 - Power supply: AC 100 V - 240 V 50/60 Hz
- ☐ Size: 400 mm × 112 mm × 300 mm (W × H × D)
- ☐ Weight: 7 kg

Light Source LED - 200

P2315EA






LIGHT GUIDE CABLES

	Light Guide Cable with spheric tip	$\varnothing 4 \times 1800$	P1801A
		$\varnothing 4 \times 2500$	P2501A
		$\varnothing 5 \times 2000$	P1851A
		$\varnothing 5 \times 2500$	P2551A
	Light Guide Cable with spheric tip, autoclavable	$\varnothing 4 \times 1800$	PH1801A
		$\varnothing 4 \times 2500$	PH2501A
		$\varnothing 5 \times 2000$	PH1851A
		$\varnothing 5 \times 2500$	PH2551A

	HAWK & WOLF Adaptor for light source	P1920
	ACMI & OLYMPUS Adaptor for light source	P1940
	HAWK & WOLF Adaptor for telescope	P1950

HEAD LIGHTS AND ACCESSORIES

HEAD LIGHTS / HAND LIGHT SOURCE

	<p><input type="checkbox"/> Features:</p> <ul style="list-style-type: none"> - Illuminated area adjustable - With light guide cable $\varnothing 4 \times 2000$ mm
<p>Optical Fiber Headlight</p>	<p>P9931</p>
	<p><input type="checkbox"/> Features:</p> <ul style="list-style-type: none"> - Illuminated area adjustable - With batteries, 4 h (on continuous use)
<p>Head Light</p>	<p>P9941</p>
 <p>Battery and charger included.</p>	<p><input type="checkbox"/> Features:</p> <ul style="list-style-type: none"> - With rechargeable battery, 4 h (on continuous use) - Battery charger <p><input type="checkbox"/> Technical Data:</p> <ul style="list-style-type: none"> - Power: 3 Watt - Battery type: 3.7 V, 2200 mAh - Battery charge: AC 100 V - 240 V 50 / 60 Hz
<p>LED Hand Light Source Set</p>	<p>P9421</p>
	<p><input type="checkbox"/> Technical Data:</p> <ul style="list-style-type: none"> - Battery type: 18650, 3.7 V, 2200 mAh
<p>Battery</p>	<p>P9422</p>
	<p><input type="checkbox"/> Technical Data:</p> <ul style="list-style-type: none"> - Battery charge: AC 100 V - 240 V 50 / 60Hz
<p>Charger</p>	<p>P9424-1</p>

