

Data sheet

iCare+



The complete iCare+ set contains:

- 1 iCare imaging station
- 1 monitor
- 1 cart
- 1 iPad Pro
- the imagyn application

Ref: D400 100 501

GTIN code: 3701217802698

iCare	
Regulation	
Description	Endoscopy camera and light source
Intended use	Gynecological endoscopy only
Photo	
CE marking	Yes
Device class	I
Article reference	D400 100 500
GTIN code	3701217802728
Complies with European directive	93/42/CEE
Complies with international norms	IEC 60601-1, IEC 60601-2-18, IEC 60601-1-2, IEC 60417, EN 980 IEC62471

delmont imaging

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SAS au capital de 237 200 euros - RCS Marseille 817 710 411 - N° de TVA Intracommunautaire : FR 81 817 710 411

Technical data	
Dimension of the control unit (w x h x d)	310 x 75 x 310 mm
Weight of the control unit	4.2 kg
Weight of the camera head	260 g
Length of the camera cable	2.3 m
Power supply	100-230 V AC, 50/60 Hz
Power consumption	130 VA
Fuses	2 T2A - 250 V UL/CSA 5 x 20 mm
Video output	1 HDMI
USB output	2 WiFi keys + 1 storage USB key 16Go
Camera specifications	
Sensor type	Waterproof HD CMOS 1/4" (IP67) BF-type
Lens	C-mount, F = 22 mm
Resolution	1920 x 1080
Scanning	Interlaced
Definition	> 900 lignes
Sensibility	2 000 lux at F8
Signal to noise ratio	54 dB
Electronic shutter	Automatic (1/50 to 1/10 000)
Buttons on the camera head	Yes. 3 pre-programmed buttons for white balance, shooting, movie recording and switching the light source to MIN or MAX mode
Sight	Color bar
White balance	Yes
Cleaning and disinfection	Immersion in an enzymatic cleaning solution and then in a glutaraldehyde solution. <i>See instructions for use for further details</i>
Autoclavable	No, sterilization by STERRAD process or ethylene oxide
Light source specifications	
Technology	LED
Nominal power	64 W
Color temperature	6 000°K
LED lifetime	50 000 hours
Automatic detection of presence/absence of the light cable	Yes

Compatible light cable type	Storz
Thermal protection system	Automatic
Environment	
Working temperature	+10°C / +40°C
Working humidity	30 to 75%
Transport and storage temperature	-10°C / +40°C
Transport and storage humidity	20 to 85%
Working, storage and transport atmospheric pressure	800 hPa to 1 060 hPa
Protection against water splash (IPXO)	No
Suitable for use in the presence of flammable anesthetic mixture with air and oxygen or nitrous oxide.	No
Monitor	
Regulation	
Description	Exam viewing screen
Photo	
Article reference	D200 110 000
Technical data	
Size	22"
Resolution	Full HD
Sensor	Eco-intelligent

Optical glass	Yes
Medical grade	No, but available on request (other article reference)
Cart	
Regulation	
Description	Support cart for imaging station and monitor
Photo	
Article reference	D200 100 000
Technical data	
Height	1.80 m min. - 2.65 m max.
Weight	36 kg
Possibility to lock the wheels	Yes
Number of shelves	2 fixed at 30 cm and 80 cm from the ground, support up to 10 kg
Number of infusion stand	1 ajustable between 1.80 m and 2.65 m from the ground, supports up to 2 kg
Number of monitor support	1 at 1.20 m from the ground, supports up to 14 kg
Number of camera support	1
Number of light cable support	1
Removable arm and iPad stand	1 optional
Isolation transformer	No, but available on request (other article reference)
iPad Pro	
Regulation	
Description	iPad for using the imagyn application
Photo	
Article reference	D100 200 500
Technical data	
Size	12.9"

Color	White
Capacity	256 Go
Supplied accessories	Keyboard and pen
imagyn application	
Regulation	
Description	Medical examination visualization and realization of report, available on the AppStore
Photo	 imagyn
Article reference	D100 200 100
Technical data	
Report entry	On the application then export/printing
Available languages	8
Personal space management for doctors	Yes
Management of patient records	Yes
Anotations on images	Yes
Anotations on sketches	Yes
Pre/post image viewing	Yes
Access to a secure medical cloud	Yes, allowing both backup and access to data at any time from any digital media
Setting up the imaging station from the application	Yes, accessible settings: brightness, saturation, contours, gamma, blue shift, red shift, minimum and maximum brightness power, 3 zooms (x1, x1.5, x2), shots and videos