RIESTER RCS-100 MEDICAL DIAGNOSTIC CAMERA SYSTEM

Riester

CE

32150 + 32156

MADE IN GERMANY

Portable and versatile digital diagnostic camera. Multiple lens attachments, enabling instant sharing

• **32150 RIESTER RCS-100 WIRELESS MEDICAL CAMERA SYSTEM - without lens**

RCS-100 is a multi-functional, portable and versatile medical diagnostic camera system that allows the user to quickly and efficiently capture and share images and videos to improve diagnosis, monitoring, treatment and patient care.

It provides the additional benefit of capturing and sharing the digital photograph or video of the ear canal and tympanic membrane, epidermis and dermis of skin, respectively.

RCS-100 can be used with: general lens, otoscope lens, dermatoscope lens and endoscope adapters.

Features:
- 5"full HD colour TFT-LCD display 1.280 x 720 pixels provides high resolution, scalable images with 2x - 8x magnification and digital zoom capabilities
- easy to use touch screen makes it quick to capture images and videos
- rotary wheel for one-handed operation minimises the risk of cross contamination as well as the capability to adjust focus and light intensity
- simple lens connection makes changing fast and easy
- li-ion battery offers 3.5 hours of operating time
- improved communication in remote areas
- images and videos can support medical notes allowing consistent monitoring of patient
- USB connection to transfer files to PC and for charging
- UVC function allows live picture display on a second screen, so the user can show what they can see and explain in real time
- Wifi connection

Multilingual manual: GB, FR, IT, ES, DE.

ENDOSCOPE ADAPTER
compatible with C-mount standard

32152

GENERAL IMAGING LENS

32155

DERMATOSCOPE LENS
with digital ruler for measurements

32154

OTOSCOPE LENS
with pneumatic otoscopy port

32156

GIMA code	Riester code	RCS-100 ACCESSORIES
32152	13277	Endoscope adapter 4° *
32153	13278	Endoscope adapter 9° *
32154	13270	Dermatoscope lens
32155	13271	General lens
32156	13272	Otoscope lens
32158	10801-532	Disposable ear speculum Ø 2 mm - box of 10
32159	10801-534	Disposable ear speculum Ø 4 mm - box of 10

TECHNICAL SPECIFICATIONS

Device
Display: TFT-LCD 5.0" touch screen dispaly, 1280x720 pixels with 2x-8x magnification and digital zoom
Focus: automatic/manual
CMOS pixels: 8 MP
Image/video format: picture: JPEG, video: MP4
RAM: 2G LPDDR3
Rom: 16GB
Extend Memory: 16G wifi SD card
Battery: 3.6V 2600mAH 18650 li-battery
Operating time: video 3.5 hours (fully charged battery)
Charging time: 3 hours
Adaptor: input 100~240V 50~60Hz 0.3A output DC 5V/2A
USB: OTG and type-C USB
Size - weight: 225x135xh 45 mm - 292g

***Endoscope adapter**
Compatibility: Compatible with flexible and rigid endoscopes with diameters from 2.7mm to 10mm (two versions planned, one optimized for optics between 2.7-4mm and one for 4-10mm) from a broad range of leading manufacturers based on C-mount standard (e.g. Wolf, Storz, Olympus, Scholly).
Quick coupling: Adapter can be attached to RCS-100 and a C-Mount endoscope quickly and it's ready to use

Dermatoscope lens
Focal length/width: 2.2
Polarization: dermis / epidermis
Field of view: 30mm Ø

Object Distance: 0 mm
Magnification: optical: 2x
digital: 4x
dispalyed: 2x-8x
Photography source: natural light LED
LED color temperature: 4000k
Size - weight: 62.1x62.1x36 mm - 108.5 g
General lens
Focal length/width: 2.0
Field angle: 78°
Depth of field scope: 30mm ~ 4m
Lighting source: natural light LED
Magnification: optical: 2x
digital: 4x
LED colour temperance: 5500k
Size - weight: 60.5x 60.5x19.0 mm - 66.4 g
Otoscope lens
Focal length/width: 2.9
Field of view: 12mm Ø field of view at 25mm distance from viewing object (with 4mm specula size)
9mm Ø field of view at 15mm distance from viewing object (with 4mm specula size)
8mm Ø field of view at 10mm distance from viewing object (with 4mm specula size)
Max object distance: 15mm, at max object distance FOC Ø: 15mm
Depth of field scope: 10mm
Lighting source: natural light LED
Magnification: display: 6x
LED colour temperance: 4000 K
Size - weight: 73.5x40.0x40.0 mm - 96 g