INVISIA
Endoscopy Solutions

HighLight Basic

PORTABLE STROBOSCOPE

DESCRIPTION

HighLight Basic is a portable continuous and stroboscopic light source based on LED technology.

LIGHT SOURCE

Technology: White LED mounted on a handpiece
Color temperature: 6200° K
Light intensity: 800 lumens
Light lifetime: 50,000 hours

HANDPIECE

Connector standard: Wolf
Cable length: 2 m

CONTROL UNIT

Display: Monochrome graphic LCD 128x64pixels
Information on the display: F0, motion speed, voice intensity and power spectrum
Microphones: two interchangeable microphones supplied with the device, one contact microphone and one clip-on microphone
Controls: through buttons, knob and the included single footswitch

OPERATION

Operating modes: stroboscopic light / continuous light
F0 range: 70 – 1,100 Hz
Stroboscopic modes: Slow motion, Freeze
Slow motion speed: 0.5 Hz, 1 Hz, 1.5 Hz
Blinking frequency: automatically determined (based on the current F0) or manually selected

OUTPUTS

Audio: patient's voice on a 3.5 mm jack
USB: sends to the PC the current F0, intensity and motion speed – Requires Daisy-Visia software to be displayed

POWER SUPPLY

Maximum consumption: 20 Watts
Power supply: 100-240 Vac 50/60 Hz
Replaceable fuses: 2 x T 1.6A, 5 x 20 mm delayed 250V anti-surge

MECHANICS

Main Unit
  Size (WxHxD): 19.5 x 10 x 20.5 cm / 7.68 x 3.94 x 8.07 in
  Weight: 1.7 kg / 3.7 lbs
Hand-piece
  Size (WxDiameter): 12 x 3 cm / 4.72 x 1.18 in
  Weight: 150 g / 5.29 oz
Carrying case
  Size (WxDxH): 41.5 x 31.5 x 12 cm / 16.34 x 12.40 x 4.72 in
  Weight: 4.9 kg / 10.8 lbs

FREIGHT PACKING

Size (WxDxH): 41.5 x 31.5 x 12 cm / 16.34 x 12.40 x 4.72 in
Gross weight: 7 Kg / 15.43 lbs

APPLICABLE STANDARDS

IP classification: IPX0
Electrical safety: IEC 60601-1
EMC: IEC 60601-1-2

MDR CLASSIFICATION

MDR (EU) 2017/745 classification: Class I without measurement functions
Classification rule (Annex VIII, MDR (EU) 2017/745): 10

PRODUCT CODES

10352: HighLight model Basic - Portable LED stroboscope

INCLUDED PARTS

- Control Unit
- Hand piece
- Single footswitch
- Clip-on microphone
- Contact microphone
- USB A-B cable
- Stereo 3.5mm audio cable
- User manual
- Aluminum carrying case

OPTIONAL PARTS (with order code)

- 10372: Dual footswitch

The Inventis Quality System complies with ISO 13485 standard.