CATALOGUE Light Coagulator

Light Coagulator LC 250 D (digital)

Basic unit with mains cable
- 24 Volt / 250 Watt output
- digital timer with light beam
- both timer and continuous operation
- 3 programmable pre-selected time settings
- coagulation duration adjustable via +/–-buttons

Order-No. LC250D.01

Probe cable
- pluggable at both ends
- length 3 m, autoclavable
- suitable for basic unit LC250D.01

Order-No. LC250D.02

Foot switch for basic unit
- according to IP 68

Order-No. LC250D.03
Standard probes for the LC 250 D

All standard probes are autoclavable and are activated via the foot switch.

**Standard probe flat straight**
- 24 Volt / 250 Watt electrical power
- contact head Ø 16 mm
- luminous power app. 40 W/cm²

Order-No. LC250D.S13

**Standard probe wedge straight**
- especially suitable for use in ruptures
- 24 Volt / 250 Watt electrical power
- contact head Ø 16 mm
- length of wedge app. 16 mm
- luminous power app. 25 W/cm²

Order-No. LC250D.S14

**Standard probe large, flat straight**
- for coagulation of large areas
- 24 Volt / 250 Watt electrical power
- contact head Ø 25 mm
- luminous power app. 25 W/cm²

Order-No. LC250D.S16

**Standard probe flat right angle**
- for difficultly accessible areas
- 24 Volt / 250 Watt electrical power
- contact head Ø 16 mm
- luminous power app. 40 W/cm²

Order-No. LC250D.S20

**Standard probe wedge right angle**
- for difficultly accessible areas
- especially for use in ruptures
- 24 Volt / 250 Watt electrical power
- contact head Ø 16 mm
- luminous power app. 25 W/cm²

Wedge parallel to longitudinal axis

Order-No. LC250D.S23

alternative:
Wedge perpendicular to longitudinal axis (not pictured)

Order-No. LC250D.S21

**Standard probe flat 45°**
- universal contact head
- 24 Volt / 250 Watt electrical power
- contact head Ø 16 mm
- luminous power app. 40 W/cm²

Order-No. LC250D.S30

**Standard probe wedge 45°**
- universal contact head
- especially for use in ruptures
- 24 Volt / 250 Watt electrical power
- contact head Ø 16 mm
- luminous power app. 25 W/cm²

Wedge parallel to longitudinal axis

Order-No. LC250D.S33

alternative:
Wedge perpendicular to longitudinal axis (not pictured)

Order-No. LC250D.S31
Light Coagulator LC 250 D (Accessories)

Non-adhesive caps
• for all flat standard-probes with Ø 16 mm  Order-No. LCD.201
• for the flat standard probe with Ø 25 mm  Order-No. LCD.202
• for all wedge-shaped standard probes  Order-No. LCD.203

Order numbers for parts of standard probes
1-Probe pole  Best.-Nr. LC250D.10
2-Contact head  Order-No. LC250D.A13
  flat straight Ø 16 mm
3-Contact head  Order-No. LC250D.A14
  wedge straight Ø 16 mm
4-Contact head large  Order-No. LC250D.A16
  flat straight Ø 25 mm
5-Contact head  Order-No. LC250D.A20
  flat right-angle Ø 16 mm
6-Contact head  Order-No. LC250D.A23
  wedge right-angle parallel Ø 16 mm
7-Contact head  Order-No. LC250D.A21
  wedge right-angle perpendicular Ø 16 mm
8-Contact head  Order-No. LC250D.A30
  flat 45° Ø 16 mm
9-Contact head  Order-No. LC250D.A33
  wedge 45° parallel Ø 16 mm
10-Contact head  Order-No. LC250D.A31
  wedge 45° perpendicular Ø 16 mm
Light Coagulator LC 250 D (Accessories)

Probe adapter
- for all endoscopic probes and screw-in probes (pages 6-8)
- 24 Volt / 250 Watt electrical power
- connected to the power supply via the probe cable
- with manual switch
- \(\oplus/\ominus\)-buttons on the back of the adapter for coagulation duration adjustment
- autoclavable

Order-No. LC250D.40

Spare halogen light-bulb
- for Light Coagulators LC 250 D (suitable for standard probes as well as for probe adapters)
- 24 Volt / 250 Watt electrical power

Order-No. LCD.301

Bulb extractor
- for all kinds of probes including probe adapters

Order-No. LCD.302

Gasket for probe adapters
- suitable for LC250D.40

Order-No. LCD.303

Gasket for standard probes

Order-No. LCD.304

Replacement support
- to change gaskets of standard probes

Order-No. LCD.305
Light Coagulator LC 150 D

Basic unit with mains cable
• 15 Volt / 150 Watt output
• with digital display

Order-No. LC150D.01

Probe adapter
• for all endoscopic and other screw-in probes (pages 6-8)
• 15 Volt / 150 Watt electrical power
• probe cable is fixed to the probe adapter
• suitable for basic unit LC150D.01
• not autoclavable
• with manual switch and \( \Theta/\Theta \)-buttons on the back for coagulation duration adjustment

Order-No. LC150D.02

Spare halogen light-bulb
• for Light Coagulators LC150D.02
• 15 Volt / 150 Watt electrical power

Order-No. LCD.306

Bulb extractor

Order-No. LCD.302

Upon request, the LC 150 D is also available in an autoclavable version.
Accessories for the Light Coagulators

Probes for endoscopic surgery
suitable for any kind of probe adapter

Endoscopic probes for laparoscopy
• suitable for use with 10 mm trocars
• working length app. 340 mm, Ø 10 mm
• luminous power app. 40 W/cm²
• autoclavable

Version 1:
Probe with radiation 0°
Order-No. LCD.401

Version 2:
Probe with radiation 30°
Order-No. LCD.402

Endoscopic probes for rigid endoscopy
• working length app. 340 mm, Ø 5 mm
• luminous power app. 50 W/cm²
• autoclavable

Version 1:
Probe with radiation 0°
Order-No. LCD.403

Version 2:
Probe with radiation 30°
Order-No. LCD.404

Other lengths and diameters
available as special orders upon request (e.g. for biopsies).

Non-adhesive caps for endoscopic probe LCD.401
• Ø 10 mm, flat
Order-No. LCD.204
Accessories for the Light Coagulators

Screw-in probes
all following probes are suitable for any probe adapter
all following contact heads are autoclavable

Probes with contact areas of Ø 7 mm
for use mainly in proctology;
all probes are available as autoclavable and non-autoclavable versions

for use in the obliteration of hemorrhoids
• working length app. 110 mm
• luminous power app. 40 W/cm²
Version 1:
Probe, autoclavable, angled app. 30°
Order-No. LCD.520

Version 2:
Probe, not autoclavable, angled app. 30°
Order-No. LCD.521

for use in general proctologic applications
• working length app. 220 mm
• luminous power app. 40 W/cm²
Version 1:
Probe, autoclavable, angled app. 20°
Order-No. LCD.522

Version 2:
Probe, not autoclavable, angled app. 20°
Order-No. LCD.523

for hemostasis in polypectomy
• working length app. 350 mm
• luminous power app. 40 W/cm²
Version 1: Probe, autoclavable, angled app. 10°
Order-No. LCD.524

Version 2:
Probe, not autoclavable, angled app. 10°
Order-No. LCD.525

Contact cap, alternatively
• flat, Ø 7 mm, contact surface made of Teflon FEP
Order-No. LCD.620

• flat, Ø 7 mm -contact surface made of sapphire crystal
Order-No. LCD.621

Gasket or contact caps Ø 7 mm
Order-No. LCD.629
Accessories for the Light Coagulators

Probes with contact areas of Ø 11 mm

- for application in gynecology and pediatric surgery
- working length app. 150 mm
- luminous power app. 40 W/cm²
- autoclavable and non-autoclavable versions available

Version 1:
Probe, autoclavable, angled 0°
Order-No. LCD.510

Version 2:
Probe, autoclavable, angled app. 20°
Order-No. LCD.512

Version 3:
Probe, not autoclavable, angled 0°
Order-No. LCD.511

Version 4:
Probe, not autoclavable, angled app. 20°
Order-No. LCD.513

Contact caps, alternatively:

- flat, Ø 11 mm, contact surface made of Teflon FEP
  Order-No. LCD.610

- flat, Ø 11 mm, contact surface made of sapphire crystal
  Order-No. LCD.611

Gasket for contact caps Ø 11 mm
Order-No. LCD.619

The Light Coagulators LC 250 D and LC 150 D are -conform according to MPG 93/42/EWG.

Developments and technical modifications are reserved.