
INFRARED COAGULATOR

ENGINEERED
TO OBLITERATE
TISSUE WITH
PINPOINT PRECISION

COAGULATION SANS SIDE EFFECTS

A 30-YEAR TRACK RECORD IN CONTACT COAGULATION WITH INFRARED LIGHT

Our infrared coagulators have several design-based benefits over other procedures such as cryocoagulation, thermal coagulation, electrocoagulation and sclerotherapy. For one, the infrared light that generates the heat can be manipulated with great accuracy. It penetrates as deep as 3 mm, and the intensity of its action is dictated solely by how long you apply the heat. You determine the exact duration simply by setting a timer.

ANTI-ADHESIVE AND ULTRA ACCURATE

Unlike procedures involving electricity and chemicals, this type of heat treatment has no side effects. What's more, the only variable that determines the infrared coagulator's pinpoint-precise action is the light guide's diameter. You can connect various gauges of fused silica light guides, and their non-stick Teflon® polymer tips are easy to clean and may be disinfected with liquids.

TYPICAL MEDICAL APPLICATIONS

Our infrared coagulators have proven their merits in applications in gynecology, ENT, dermatology and dentistry, and they are the tools of choice for treating first and second degree hemorrhoids. The penetration depth and intensity of these remarkably precise tools are easily controlled. Their action is limited to the area of application, and the light guide will not stick to the treated tissue. Feel free to get in touch with us if you wish to learn more about our infrared coagulators or are unsure if they meet your requirements.

YOUR BENEFITS AT A GLANCE

Coagulation in just one to three seconds

Tissue will not stick to the instrument

Precisely adjustable depth of necrosis

Far simpler and more effective than injections (proctology)

Interchangeable light guides in various gauges

Nonhazardous low voltage (15 V)

Zero risk of exploding bowel gases (proctology)

Does not interfere with cardiac pacemakers

May be used to treat pregnant women

No return electrode needed

TECHNICAL DATA

Power unit

Power Supply: 100/120/230 VAC

Frequency: 50/60 Hz

Power consumption: 240 VA

Weight: approx. 2.4 kg

Protective Class I, according to
VDE 0750 (IEC 601/1)

Handapplicator:
Lamp Voltage: 15 V

Lamp Power: 150 W

Lightguide

available in from
 \varnothing 2 mm to \varnothing 10 mm,
lengths: from 70 mm to 420 mm

Optical Output Lightguide

\varnothing 2 mm: 3–4 W;

\varnothing 6 mm: 22–29 W;

\varnothing 10 mm: 42–49 W

Spectrum 360–2500 nm,
Maximum at 900 nm

Operating Temperature:

+5 °C up to +35 °C

Rel. Humidity < 80%

Storage Temperature:

-15 °C up to +50 °C

Rel. Humidity < 80 %

This equipment may not be
operated in areas that are not
explosion safe.

LIGHTGUIDES AND ACCESSORIES



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