

We've got the power.

You've got the benefit.



MEGA
30+ *Pulse*

Powerful laser system
for treatment of stones

MEGA 30+ Pulse

Unique power in the tower

Great power has never been this compact

MegaPulse 30+ develops very high power despite its compact format. This mobile Minitower makes therapy very efficient.

Stones to dust

Maximum power through innovative technology. The Minitower contains a Holmium:YAG laser with a robust 30 watts, 4.0 joules and 25 Hz. This enables users to carry out stone dusting and coarse fragmentation.

Outstanding performance features make the **MegaPulse 30+** laser the star in its class:

- Wide adjustment range of variation in power and pulse duration
- Different user modes and individual presets
- Green pilot beam with stored long and short single pulses
- Intuitive user navigation, very good directly readable display
- Integrated, large-scale cooling system permits application irrespective of the ambient temperature
- Simple setup
- Blast shield with smart access

More than stones

Apart from urology, **MegaPulse 30+** is licensed for further specialist disciplines:

- Surgery
- ENT
- Gynecology
- Arthroscopy
- Gastroenterology
- Spine surgery

The four adjustable modes significantly facilitate work

- **Lithotripsy**
for stone desintegration
- **Ablation**
for removal of tissue
- **Coagulation**
for cutting of tissue
- **Stone Dusting**
for stone pulverization





Switch and control

Cable and foot-switch cradle at the rear of the device provides neat cabling and easy access.

Superb climate for your treatment

MegaPulse 30+ has powerful, integrated cooling. This enables the system to be deployed even at ambient temperatures up to 30 °C.

Lots of freedom in use – easy to transport

The Minitower packs a lot of power. We have also made the innovative laser system mobile. Easily steerable and lockable casters and high stability during transport make the tower very attractive. Practical details facilitate easy use.

MEGA 30+ *Pulse*

Power can be so easy

You and your team should be able to concentrate on essentials – the operation. The intuitive control concept of the **MegaPulse 30+** makes life easy for you. Even users with little experience will be able to use these lasers immediately.

Touchscreen
and optimum
overview



Refined optimization of features make application even more user friendly:

- Large color 8.4" touchscreen instead of complex switches
- Unique well-lit panel for optimum readability at all times under all light conditions
- Large menu buttons
- Setting of the pilot beam (brightness and flashing function) is easy and fast
- "Mode" setting for individualized pre-selection of treatment options (lithotripsy, coagulation, ablation, stone dusting)

Fast start-up with easy setup

Integrated, easy operation starts with installation of the system. **MegaPulse 30+** is not based on complex processes. Pour in double-distilled water, start, done. Your system is ready after a few easy steps.



Power is not effective without control

MegaPulse 30+ offers optimum safety for users and patients. Highly sophisticated features focus on safety.

■ **Large, individually adjustable power range**

■ **Green pilot beam with interval adjustable function**

The adjustable green pilot beam facilitates orientation, e. g. during hemorrhage. **MegaPulse 30+** also offers you an interval function (flashing). It avoids distracting over-exposure at the operating site.

■ **Individual settings**

Preset modes for specific therapies make work effective and fast. The presets are carried out easily using the display.

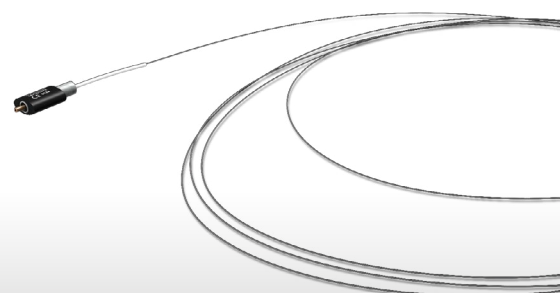
■ **Fiber identification**

The smart function recognizes the identity of the fiber when it is inserted and shows whether the connection is correct. The display presents information about the manufacturer (original or not), fiber type (disposable or reusable) and on diameter. The energy rating of the fibers being used is identified and the possibility of over-exposure is excluded.



■ **Wide range of fibers**

A range of different fiber strengths is supplied. These are delivered sterile packed – immediately useable – delivery as disposable and reusable versions.



Complete Set

Ready to use



MegaPulse Tower 30+ for CE market:

Laser Surgery Device Tower 30 W

included:

1x footswitch, 1 pedal (EBM002018.00), 2x laser protection goggles (OBM003778.00), 1x water filling bottle (IAM00080.00), 1x accessories box (KBM000103.01) containing the following components: 1x door contact plug (EAM000045.00), 1x wrench set (MBQ000190.00), 1x Holmium Blast Shield (OAM001523.00), 1x fiber stripping tool for removing the insulation from the laser fiber, Ø 300–1,000 µm (OBM001079.00), 1x fiber stripping tool for removing the insulation from the laser fiber, Ø 100–400 µm (OBM001080.00) 1x ceramic cutter with silicone pad (AGM000080.00), 3x water hoses, for filling, draining, and de-aerating (IAM000001.00) **PVMS00065**

Intended Use

- Urology
- Surgery
- ENT
- Gynecology
- Arthroscopy
- Gastroenterology
- Spine surgery

Technical data MegaPulse 30+	
Laser type	Holmium:YAG Laser (Ho:YAG)
Wavelength	2100 nm
Power	max. 30 W
Pulse energy	200 - 4000 mJ
Pulse frequency	3 - 25 Hz
Pulse duration	150 - 800 µs
Pilot beam	532 nm (green)
Power supply unit	100-120 Vac, 50/60Hz, 16 A 200-240 Vac, 50/60Hz, 10 A
Dimensions (W x D x H)	260 x 840 x 920 mm
Weight (without water)	60 kg
Controls	Touchscreen
Cooling	Integrated cooling system
Operating temperature	10 - 30 °C

ENDOCAM Logic 4K Camera Controller cpl. consisting of:

ENDOCAM Logic 4K Camera Controller (5525301),
handheld remote control (5525401),
USB Flash Storage 32 GB (72321829),
HDMI / HDMI cable interlock 3.0 m (103847),
power cable (2440.03) 55253011

BOA flexible Sensor URS cpl. consisting of:

BOA vision flexible Sensor URS (7355071 resp. 7355076), rinsing
set V (163910),
disposable cleaning brushes (pack of 10 pcs., 7990001),
leak tester (163.903),
pressure equalization valve (163.904),
Forward movement of the control lever,
downward movement of the tip 7355071 1
upward movement of the tip 7355076 1



COBRA flexible Sensor URS cpl. consisting of:

COBRA vision flexible Sensor URS (7356071 resp. 7356076), 2 x
rinsing set V (163910),
disposable cleaning brushes (pack of 10 pcs., 7990001),
disposable cleaning brushes (pack of 10 pcs., 7990003),
adapter (163914), leak tester (163.903),
clamping element, orange (pack of 20 pcs., 15394144),
pressure equalization valve (163.904),
Forward movement of the control lever,
downward movement of the tip 7356071 1
upward movement of the tip 7356076 1

Laser fibers:

Fiber Ø	Single use (Pack = 10 pc)	Reusable (Pack = 1 pcs)
optical fiber 200 µm	OFC002011	OFC002013
optical fiber ball tip 272 µm	OFC302711	–
optical fiber 272 µm	OFC702711	OFC702713
optical fiber 365 µm	OFC703611	OFC703613
optical fiber 550 µm	OFC005511	OFC005513
optical fiber 800 µm	OFC008011	OFC008013
optical fiber 1000 µm	OFC009911	OFC009913

Optional accessories:

Fiber stripping tool

for stripping laser fibers,

autoclavable

200 – 272 µm **AGM000053**

365 – 400 µm **AGM000078**

550 – 600 µm **AGM000052**

800 µm **AGM000064**

Ceramic cutter with silicone pad

for shortening laser fibers,

autoclavable **AGM000080**

Perforated basket

for laser fiber **38001**

Also:

Fixing ring Ø 34.6 mm **643301262**

