

The sterile operation concept for MEL 80 includes the following components:

- Sterilizable and reusable adapters for controls. These must be sterilized by the user before their use for treatment.
- Disposable sterile covers.

## Sterilizable adapters

### Overview and use

Designation	Use	Supplier	Order number
Sterilizable caps 12 mm	Push and turn switch for ring illumination  Rotary switch for satellite illumination	Carl Zeiss Meditec <sup>2</sup>	305810-9002-000
Sterilizable caps 22 mm	OPMI magnification changer	Carl Zeiss Meditec <sup>2</sup>	305810-9001-000
Cap 12D x 30 <sup>1</sup>	CCA+ unit  Optional hand slit lamp	Carl Zeiss Meditec <sup>2</sup>	000000-0531-755
Instrument protective cap	Optional hand slit lamp	Carl Zeiss Meditec <sup>2</sup>	000000-0450-562
Megatron stylus	Control panel	Geuder <a href="http://www.geuder.com">www.geuder.com</a> <sup>3</sup>	G-28125
Holder for stylus <sup>4</sup>	Storing the stylus when not in use	Carl Zeiss Meditec <sup>2</sup>	000000-1990-259

<sup>1</sup> Caps on CCA+ and optional hand slit lamp are part of the scope of the MEL 80.

<sup>2</sup> Please contact Carl Zeiss Meditec Service or your local dealer.

<sup>3</sup> To find your local dealer please visit the above websites.

<sup>4</sup> The holder is not sterilizable.

## General information

The sterilizable adapters are delivered in unsterile condition.

The sterilizable adapters can be sterilized in an autoclave. Heat sterilization should be performed as follows:

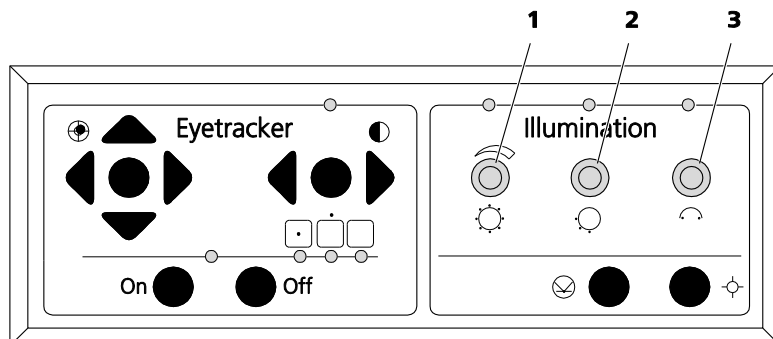
Sterilization time (time of exposure at sterilization temperature):  
at least 5 minutes at 132 °C/134 °C

Detailed information on sterilization of the sterilizable caps can be found in the "Preparing resterilizable products" user manual of the sterilizable caps used.

When attaching the sterilizable adapter to the MEL 80, the user must be sterile and ensure that unsterile areas are not touched directly.

## Sterilizable cap 12 mm

The adapters for knobs and push and turn switches for use with the sterilizable caps are supplied with the instrument and can be installed by Carl Zeiss Meditec Service if required.

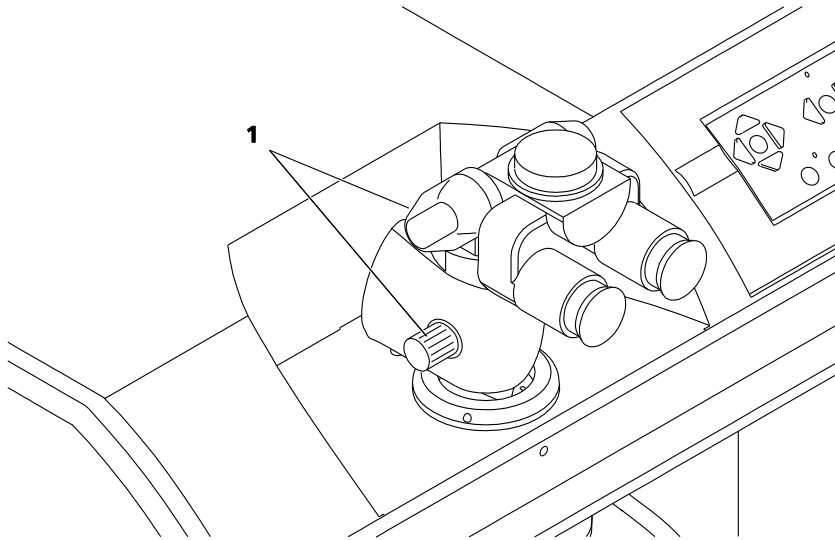


- 1 Sterilizable cap 12 mm for push and turn switch for switching ring illumination on/off and for adjusting the brightness
- 2 Sterilizable cap 12 mm for push and turn switch for segmenting the ring illumination
- 3 12 mm sterilizable cap for satellite illumination rotary switch

Fig. 47 Sterilizable caps

## Sterilizable cap 22 mm

Two sterilizable 22 mm caps are used for each magnification changer of the surgical microscope.

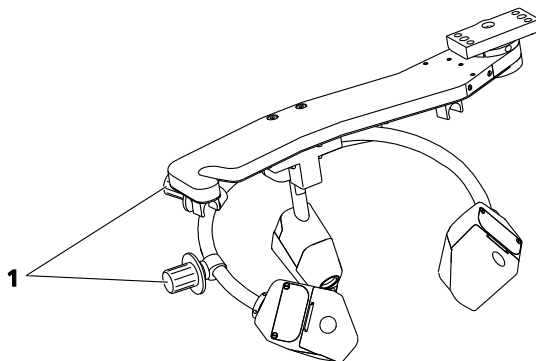


1 22 mm sterilizable cap for magnification changer

Fig. 48 OPMI pico

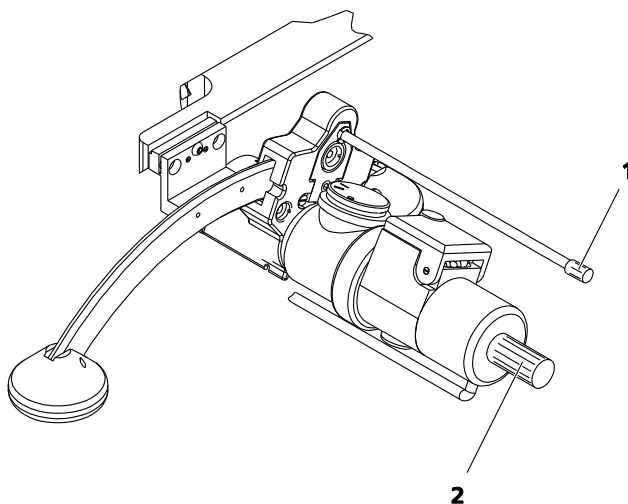
## Cap 12D x 30

12 mm sterilizable caps can also be used instead of the 12D x 30 caps on the CCA+ unit and the optional slit lamp.



1 Cap for swivel arm grip

Fig. 49 CCA+ unit



- 1 Instrument protective cap
- 2 Cap

Fig. 50 Optional slit lamp

### Instrument protective cap

The upper locking handle of the slit lamp is covered by an instrument-protective cap (see Fig. 50).

### Stylus

The stylus consists of a non-slip, non-aseptic silicone end and a plastic handle. These two parts are separated by a "sterility barrier".

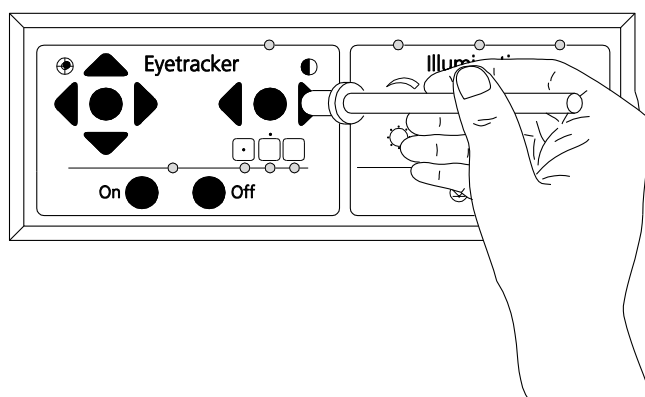
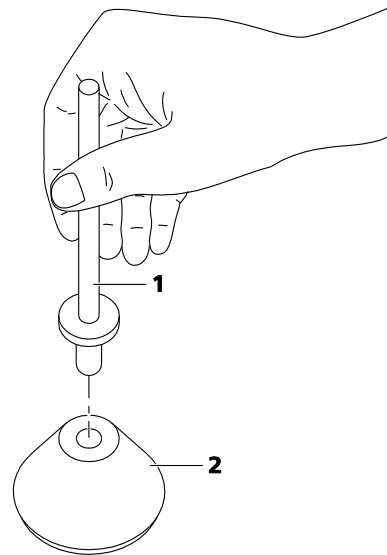


Fig. 51 Stylus

The stylus can be used with the supplied holder. This holder can be placed at an ergonomic position. Ensure that the holder cannot fall down.



- 1 Stylus
- 2 Holder for stylus

Fig. 52 Storing the stylus in the holder



The stylus holder has a non-slip bottom. Therefore it should not be sterilized in an autoclave.

## Sterile covers

Designation	Use	Supplier	Order number	Quantity
Elasticated cover, 66 cm	PC keyboard, joystick of patient supporting system	3M <a href="http://www.3m.com">www.3m.com</a> <sup>1</sup>	1097	1 piece

<sup>1</sup> To find your local dealer please visit the above website.

A sterile cover is fitted over the PC keyboard and the entire joystick, including the housing with side control keys and mounting.

When attaching the sterile cover to the MEL 80, the user must be sterile and ensure that unsterile areas are not touched directly.