

EICKVIEW COMPACT ENDOSCOPE SET

USER MANUAL



Item no. 306122
Version 1,07/2019

TELEPHONE +49 7461 96 580 0

www.eickemeyer.com

veterinary technology for life
Eickemeyer®

CONTENT

1. Technical Data	4
2. Scope of Delivery	4
3. Safety Guidelines	4
Warranty	4
Personal Education	4
4. Transport and Storage	4
Controlling	4
Packaging	4
5. Assembly EickView Compact Set	5
6. LED Battery Light Source	6
Assembly	6
Functionality	6
Charging	7
Technical Data	7
7. Endoscope & Foreign Body Forceps	8
Assembly Endoscope	8
8. Cleaning & Disinfection	9
Basics	9
Cleaning Endoscope (not autoclavable)	9
Cleaning Light Source	12
Cleaning Forceps & Brushes	13
Postprocessing	13
Storage	13
9. Maintenance	14
10. Trouble Shooting	14

1. TECHNICAL DATA

EICKEMEYER® EickView Compact Set	306122
Outer diameter endoscope	3.8 mm
Working length endoscope	14 cm
Diameter working channel	1.3 mm
View angle	30°
Field of view	90° (wide angle)
Battery operation time	4 h
Diameter grasping forceps	1.0 mm
Working length grasping forceps	25 cm

2. SCOPE OF DELIVERY

EICKEMEYER® EickView Compact Set	306122
EickView Compact Endoscope	1x
LED battery light source	1x
Foreign body forceps	1x
Cleaning brush for working channel	1x
Cleaning brush for stopcocks	1x
Spare battery	1x
Charger with cable	1x
Padded transport case	1x
Manual	1x

3. SAFETY GUIDELINES

Warranty

Please read manual properly before commissioning the devices even when you are already familiar with EICKEMEYER® or any other endoscopes. Warranty expires immediately in case of improper treatment of components.

Personal Education

Only trained staff is allowed to use and maintain the devices of this set.

4. TRANSPORT AND STORAGE

Controlling

Check packaging and components immediately for visible damages after reception.

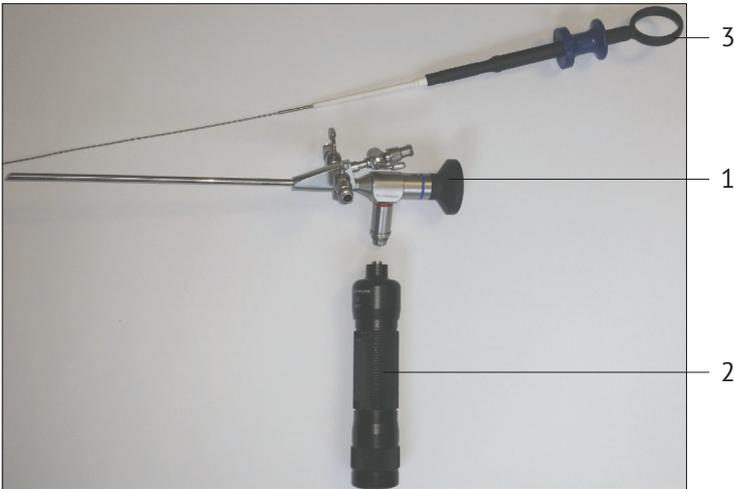
Packaging

Keep all parts of original packaging for any potential return transport.

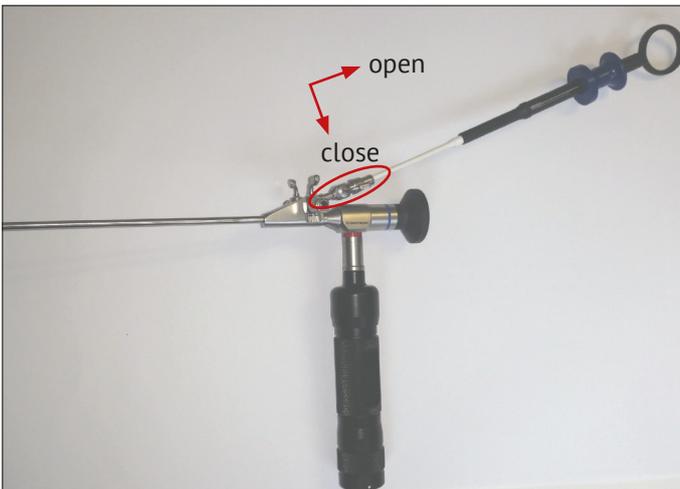
Use only original packaging for return transport. Disconnect all cables and loose or flexible components before shipment.

5. ASSEMBLY EICKVIEW COMPACT SET

- Remove endoscope (1), light source (2) and foreign body forceps (3) from transport case.



- Screw light source on endoscope and insert foreign body forceps into working channel.

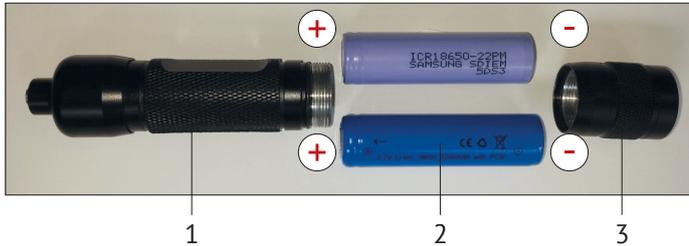


- Ensure that the stopcock at the end of working channel is open otherwise forceps could be deformed. Insert forceps always with closed jaws.
- Do not close stopcock of working channel while forceps is inserted.

6. LED BATTERY LIGHT SOURCE

Assembly

- Main body of light source (1)
- Battery (2), blue or purple depending on version of battery, 3.7 V Li-Ion 18650 2,200 mAh
- End cap (3) → correct closed light source is waterproof



Functionality

- On and off button is located on bottom side of light source. Press this button for switching on and off the light source with a subsequent “click” tone.



- Use this button also for controlling the three levels of light intensity. Press button not completely, only slightly (**without** “click” tone). Each slight press changes the level of light intensity.
- Light will flash 10 times, 20 minutes before capacity of battery is exhausted. That is an indicator for changing resp. charging battery.
- This light source has a memory function that means when you turn on the light, the level of light intensity will be the same as you used last time.

Charging



Please connect power cord with charger.

- Beware of polarity of battery and charger. Always connect positive pole of battery with positive pole of charger. Same for negative poles. Incorrect connection can lead to battery damages.
- Power plug has an indicator LED. If charging process is completed it will be green. If charging process is still going it will indicate red.
- Charging time is around 7 hours in case that the battery was completely empty.

Important Information

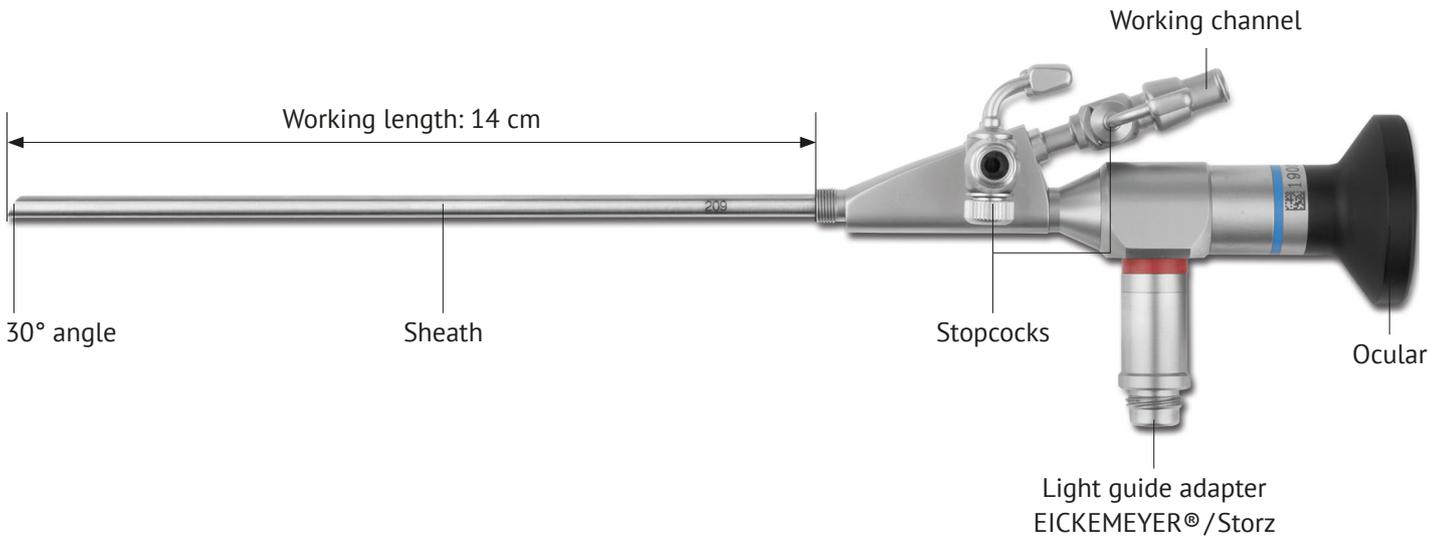
- The LED light source is a non-heat-resistance device. It is prohibited to use it in environment of which the temperature is out of the range -20 °C to 80 °C.
- Do not use a damaged or faded battery or a battery with damages on its metal surface.
- Only use batteries with described technical characteristics. Using other batteries can cause severe damages or even accidents.
- Turn off the light source in case of unusual heat. Normal range is 35 °C–45 °C.
- The batteries are warm when charging. If you cannot touch them, the charging process should be aborted.
- Do not aim the beam of light into your or the eyes of others.
- It is prohibited to disassemble the light source.
- Light source should not get into contact with corrosive substances.

Technical Data

EICKEMEYER® LED Battery Light Source	
Battery	3.7 V Li-Ion 18650 2,200 mAh
Power	3 W
Charger	Input 100 – 240 V AC, output 5 V DC
Battery operation time	4 h
Weight (incl. battery)	116 g
Connection	EICKEMEYER®/Storz

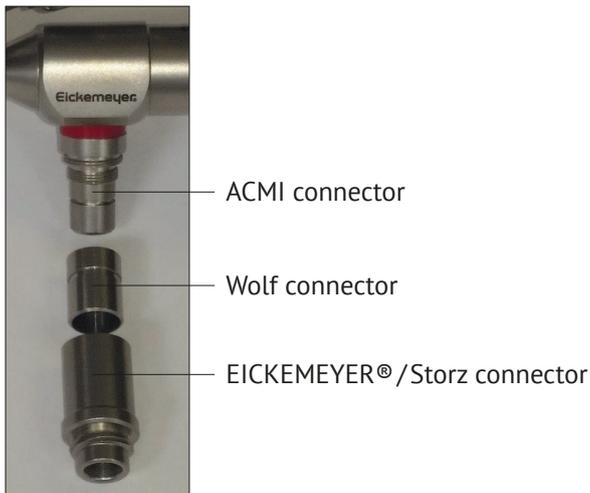
7. ENDOSCOPE & FOREIGN BODY FORCEPS

Assembly Endoscope



The endoscope comes with three different light guide connectors. The upper sleeve is the main connector, the EICKEMEYER®/Storz connector. If you unscrew this sleeve you will find the Wolf connector. If you also unscrew this sleeve you will find the ACMI connector.

Light Guide Connectors



Homogeneous Distal End



Important Information

All kind of endoscopes (rigid and flexible) as well as all flexible instruments (foreign body forceps) are very sensitive devices, therefore they need to be treated with greatest possible care. Please pay attention to following rules:

- The scope should neither be dropped on the floor nor bended as it can cause severe damages or/and broken lenses.
- Do not kink foreign body forceps and do not open and close it with too much force as it can lead to severe damages and malfunction.
- Insert foreign body forceps into working channel only when stopcock of working channel is open. Also do not close this stopcock while forceps is inserted.
- It is under the responsibility of the user that cleaning and maintenance process succeed by using correct equipment.

8. CLEANING & DISINFECTION

Basics

- All safety regulations should be observed (gloves, protective glasses, masks, clothing etc.).
- Cleaning should be undertaken by authorised trained staff only.
- Disconnect battery light source or light guide from endoscope before cleaning.
- Stricte separation of clean and unclean endoscopes.

Cleaning Endoscope (not autoclavable)

- Use disinfectant wipe or tissue soaked with alcohol to remove heavy dirt particles.

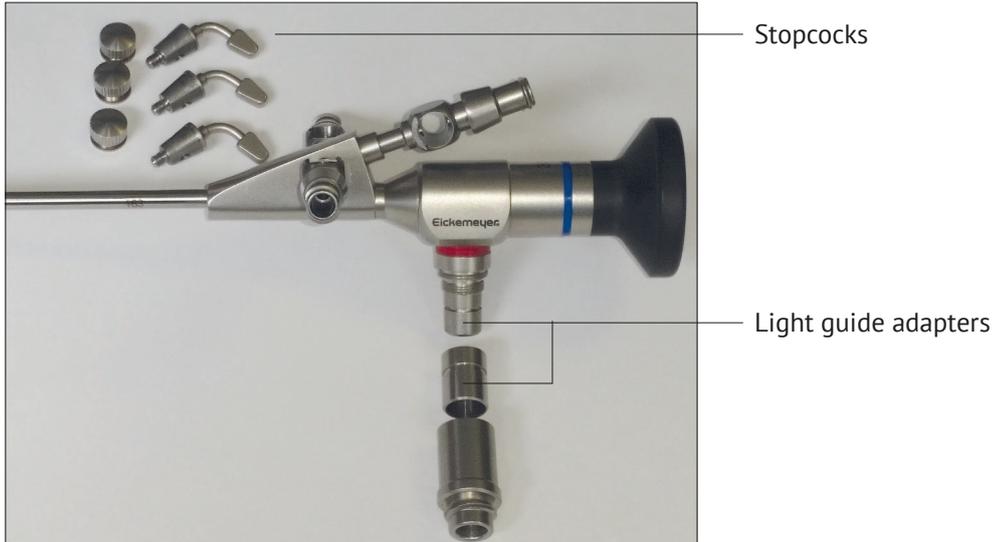


- Flush working channel with syringe of clear water so that heavy dirt particles will be rinsed out.



USER MANUAL EICKVIEW COMPACT ENDOSCOPE SET

- Unscrew light guide connectors and stopcocks.



- Push long and thin cleaning brush completely through working channel.



- Use short and thick cleaning brush for cleaning holes of stopcocks and upper part of working channel.





- Clean distal end and ocular properly with a cotton tip soaked with alcohol.
- Rinse surface of endoscope, holes of stopcocks and working channel with fresh clear water.



- Soak endoscope, stopcocks and light guide adapters in disinfectant solution.
Attention! Endoscope is not autoclavable.
- Follow manual of used disinfectant solution for proper disinfection process.
- Only use disinfectant solutions which are specially labelled for rigid and flexible endoscopes.

USER MANUAL EICKVIEW COMPACT ENDOSCOPE SET

- For this purpose we recommend our „GIGASEPT FF neu“ (Item no. 307315).



Cleaning Light Source

Please only use disinfectant wipe or tissue soaked with alcohol to clean the light source. The source is **not** soakable as it is not watertight, it splashproof only.



Cleaning Forceps & Brushes

- Use disinfectant wipe or tissue soaked with alcohol to remove heavy dirt particles.
- Rinse off heavy dirt particles with clear water.
- Use toothbrush or any similar brush to clean bristles of cleaning brush and jaws of forceps.

Attention! Cleaning brushes and foreign body forceps are soakble (same period as endoscope) and/or autoclavable (134°C, 2.3 bar).



Postprocessing

- Before reassembling it is recommended to oil or grease the stopcocks with instrument oil or instrument grease.
- Additionally it is recommended to put a drop of oil on the joint of the forceps jaws.



Storage

The endoscope and all other components of the EickView Compact Set need to be stored under clean and dry conditions. They should be packed individually or stored in a protective container with individual compartments.

9. MAINTENANCE

- Disassembly of devices and instruments is reserved to trained and authorised service technicians.
- Please contact EICKEMEYER® immediately in case of any malfunction.

10. TROUBLE SHOOTING

Error	Potential Cause
Cloudy, fuzzy lens	Broken lens → send for repair
	Dirt on distal end or ocular
Flashing light source	Exhausted battery
Light source does not work	Defect battery → please change battery
	Defect light source → send for repair

Please contact EICKEMEYER® in case of any other problem.

GERMANY

EICKEMEYER KG
Eltastraße 8
78532 Tuttlingen
T +49 7461 96 580 0
F +49 7461 96 580 90
info@eickemeyer.de
www.eickemeyer.de

POLAND

EICKEMEYER Sp. z o.o.
Al. Jana Pawła II 27
00-867 Warszawa
T +48 22 185 55 76
F +48 22 185 59 40
info@eickemeyer.pl
www.eickemeyer.pl

SWITZERLAND

EICKEMEYER AG
Sandgrube 29
9050 Appenzell
T +41 71 788 23 13
F +41 71 788 23 14
info@eickemeyer.ch
www.eickemeyer.ch

DENMARK

EICKEMEYER ApS
Lysbjergvej 6, Hammelev
6500 Vojens
T +45 7020 5019
info@eickemeyer.dk
www.eickemeyer.dk

ITALY

EICKEMEYER S.R.L.
Via G. Verdi 8
65015 Montesilvano (PE)
T +39 0859 35 4078
F +39 0859 35 9471
info@eickemeyer.it
www.eickemeyer.it

UNITED KINGDOM

EICKEMEYER Ltd.
3 Windmill Business Village
Brooklands Close
Sunbury-on-Thames
Surrey, TW16 7DY
T +44 20 8891 2007
F +44 20 8891 2686
info@eickemeyer.co.uk
www.eickemeyer.co.uk

NETHERLANDS

EICKEMEYER B.V.
Bedrijventerrein Pavijen-West
Bellweg 44
4104 BJ Culemborg
T +31 345 58 9400
info@eickemeyer.nl
www.eickemeyer.nl

CANADA

EICKEMEYER Inc.
617 Douro Street, Suite #205
Stratford, Ont. Canada
N5A 0B5
T +1 519 273 5558
F +1 519 271 7114
info@eickemeyervet.ca
www.eickemeyervet.ca