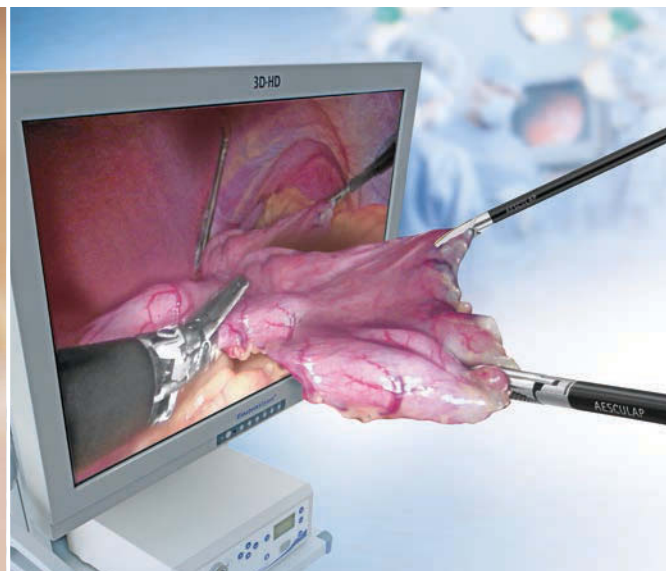


# Aesculap<sup>®</sup> EinsteinVision<sup>®</sup>



Aesculap Endoscopic Technology

3D Laparoscopy –  
look and feel  
the difference!

**B | BRAUN**  
SHARING EXPERTISE

# Aesculap® *EinsteinVision*®

3D Laparoscopy – look and feel the difference!

## Innovation in laparoscopy

Robot-assisted laparoscopy has become established on account of outstanding 3D image quality. With its EinsteinVision® 3D system, Aesculap offers an innovative solution for conventional laparoscopy.

## Improves efficiency

Superb Full HD visualization combined with the latest in 3D technology improves hand-eye coordination and can support the surgeon to maintain a high level of concentration.

## Increases precision

The spatial vision facilitates unerring work, helps to correctly pick up delicate structures, exactly positioning suture needles, and precisely separating extremely fine tissue structures. The EinsteinVision® 3D system helps you to achieve excellent operation results.

## Supports learning

This technology is of particular benefit to junior surgeons, since 3D orientation within the operating field corresponds to natural spatial vision.





## Innovation for laparoscopy

# Full HD in 3D



### Camera processor with integrated documentation

Users like the 3D camera's easy-to-use control unit, which can be switched between 2D and 3D depiction at the push of a button.

Thanks to the integrated documentation unit, images and videos can be recorded in high-resolution 2D quality. The recordings of images and videos can be activated either via the remote control or the camera's control unit. The user can choose whether to save the data on an external USB storage device or directly on the local network.

### High visual quality

Thanks to the high-resolution 32" Full HD monitor, the quality of the resulting 3D images is extraordinary. The surgeon gains an impressive depth of focus as a result.

### Stereo endoscopy

Users like the very high-quality 3D images generated by the 3D stereo laparoscopes. From the experience of producing more than 10,000 3D stereo endoscopes, it is known today what it takes to achieve an excellent 3D image quality. The 10 mm laparoscopes are available in 0° or 30° versions.

# Aesculap® EinsteinVision®

3D Laparoscopy – look and feel the difference!

## Recommended Basic Set Proposal for EinsteinVision® System

Item no.	Description
EV-00001B	Basic set EinsteinVision® consisting of: 3D camera control unit 3D camera head USB keyboard for documentation Light source, 300 W Xenon Light cable, 5m, diam. 4.8 mm 2D monitor 17" (documentation) 3D Full HD monitor 32" Adapter plate for 3D monitor Trolley for 3D unit with isolation transformer, 1600VA Cable Set Autoclavable sterile adapter for camera head/endoscope connection Tray for autoclavable items

## Holding arm components (to be ordered separately)

Item no.	Description
EV-000008	Holding arm control unit
EV-000003	Holding arm
EV-000004	Side arm short
EV-000005	Side arm long
EV-000006	Distal arm
EV-000013	Cable for holding arm
EV-000014	Adapter rail extension for holding arm
EV-000015	Tray for holding arm accessories
EV-000011	Remote control for holding arm
EV-000031	Single use cover for remote control (pack of 50)



### Other visual components (to be ordered separately)

Item no.	Description
EV-000025	3D stereo endoscope 0°, 10 mm
EV-000026	3D stereo endoscope 30°, 10 mm
EV-000024	3D polarization glasses (pack of 5)



### Components that need be ordered in addition to *EinsteinVision*® Basic Set EV-000001B

Item no.	Description
<b>Endoscope</b>	
EV-000025	3D stereo endoscope 0°, 10 mm
EV-000026	3D stereo endoscope 30°, 10 mm
<b>3D glasses</b>	
EV-000023	3D polarization glasses (pack of 15)
EV-000024	3D polarization glasses (pack of 5)

#### Components for holding arm

EV-000008	Holding arm control unit
EV-000003	Holding arm
EV-000004	Side arm short
EV-000040	Side arm medium
EV-000005	Side arm long
EV-000006	Distal arm
EV-000013	Cable for holding arm
EV-000014	Adapter rail extension for holding arm
EV-000015	Tray for holding arm accessories
EV-000011	Remote control for holding arm

#### Necessary components for the sterile preparation of the system

EV-000029	Single use cover for camera head (pack of 50)
EV-000030	Single use cover for arm (pack of 50)
EV-000031	Single use cover for remote control (pack of 50)

# Aesculap® *EinsteinVision*®

3D Laparoscopy – look and feel the difference!

## Just let go

Thanks to the remote-controlled precision holding arm of the EinsteinVision® 3D system, the assistant can let go of the camera, leaving both hands free to provide useful assistance.

## Easy docking

Thanks to its quick-release fastener, the holding arm can be quickly and easily attached to the operating table. If it needs to be re-positioned, the holding arm can be unfastened again in a few moments.

## Keeping an overview

The motor-driven precision holding arm gives the user a large scope of movement and enables an all-round view inside the abdomen. The speed of movement can also be set at three different levels. The holding arm system provides a steady and stable operating field of vision.

## One remote control – many functions

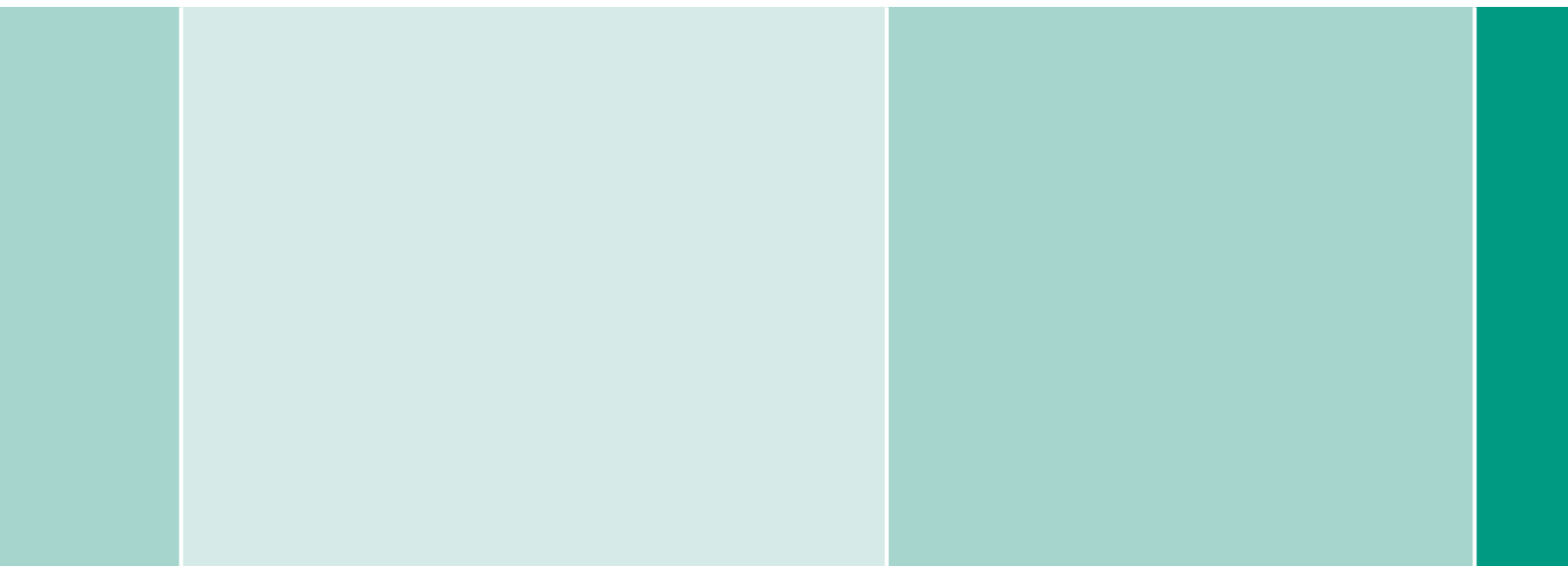
The universal remote control can be used to control numerous functions, e.g. the image and video documentation, the light intensity as well as the exact position of the holding arm.



We are confident that 3D technology will become increasingly prevalent in ORs over the next few years. It is our aim and intent to support this trend fully through our innovative EinsteinVision® product solutions.

To assure the success and acceptance of this technology, uncompromising image quality (resolution, contrast and sharpness) is key. Today's Full HD standard should also apply to 3D technology. EinsteinVision® meets these requirements already today.

The EinsteinVision® 3D system is based on proven quality, long established within the laparoscopic robotic surgery market. Promoting the spread of 3D technology within the field of conventional laparoscopic surgery calls for a competent, fully functioning team of users and suppliers. If you're looking for an innovative, reliable partner, you'll find all this and more with Aesculap AG.



Manufacturer acc. MDD 93/42/EEC

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