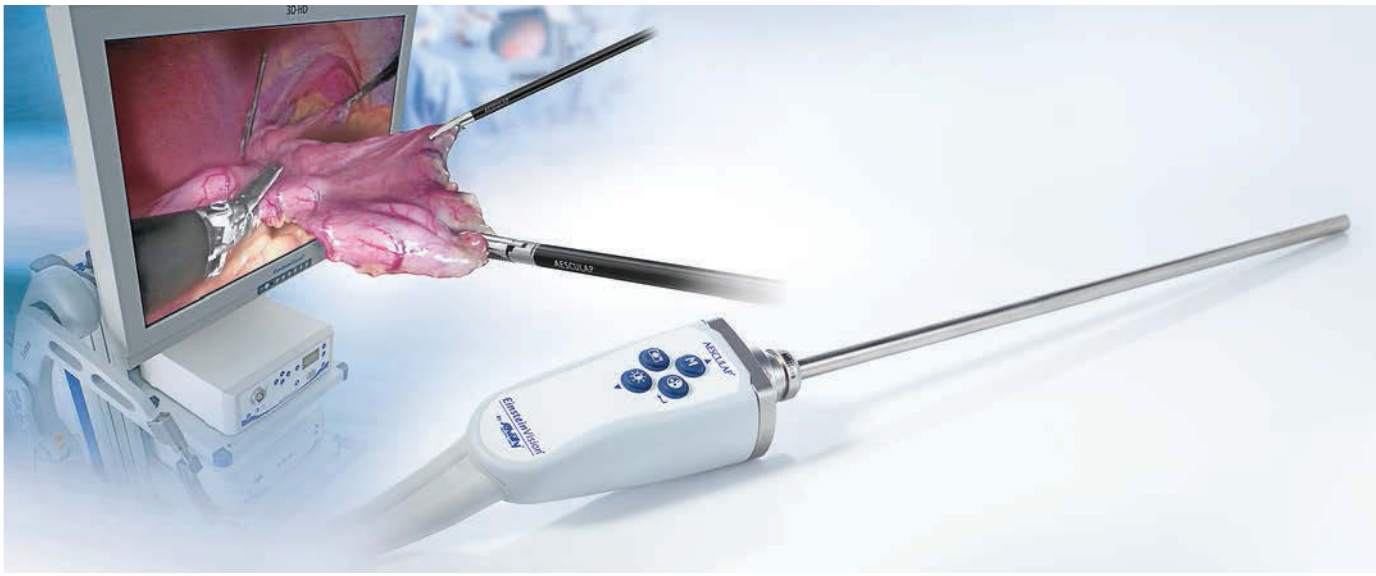
Aesculap® *EinsteinVision® 2.0*



Aesculap Endoscopic Technology

Benchmark in 3D Laparoscopy

B BRAUN
SHARING EXPERTISE

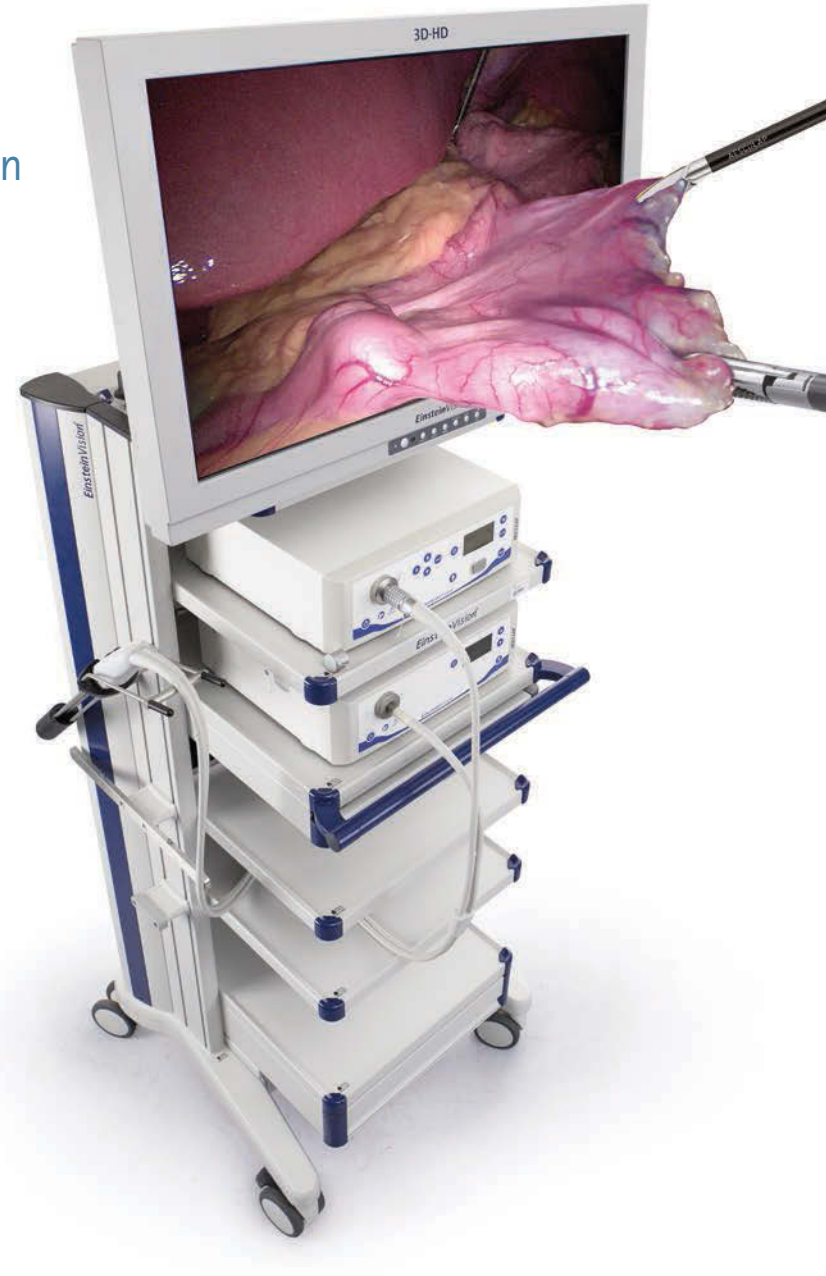
Aesculap® *EinsteinVision®* 2.0

Benchmark in 3D Laparoscopy

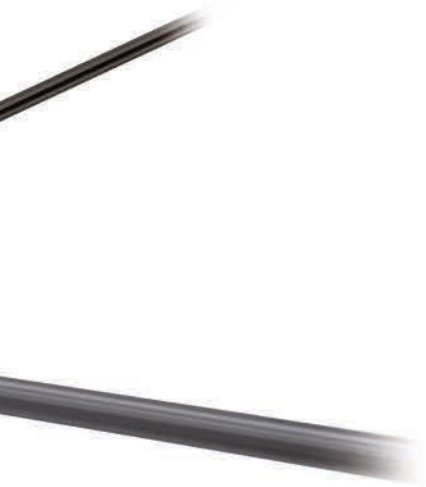
With ***EinsteinVision®*** 2.0 Aesculap Endosocopy introduces the evolution of their 3D laparoscopy system.

With this generation

- the product becomes even more user friendly with a smaller and lighter camera head
- the already impressive 3D image quality has been refined
- a new sterile handling concept for camera and laparoscope has been introduced



Innovation for Laparoscopy
Full HD in 3D



EinsteinVision® – benchmark in 3D Laparoscopy

The native Full HD resolution provides razor-sharp images. The optical components deliver impressive 3D depth and even image illumination. Using the experience of manufacturing over 10,000 3D stereo endoscopes in combination with a large 32" Full HD monitor results in a pure viewing pleasure.

EinsteinVision® - Anti-fog

Endoscopes tend to fog when introduced into the warm body. To counter this a "heater" has been integrated into the distal tip of the endoscope

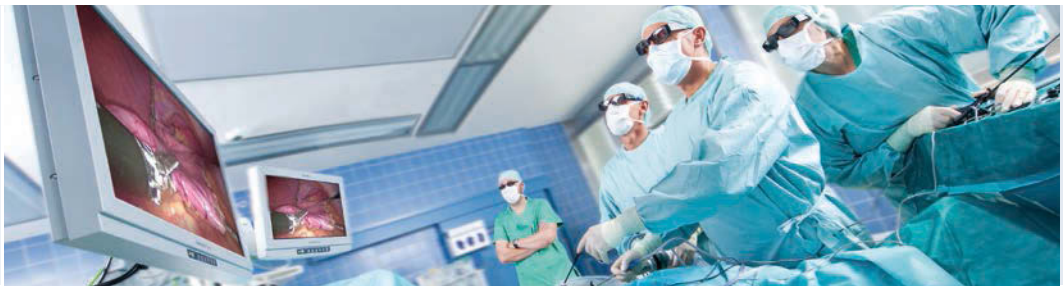
EinsteinVision® - Holding devices

A variety of mechanical holding devices provide steady positioning and a stable field of view, thus allowing an assistant to use both hands freely.

Look and feel the difference!

Aesculap® *EinsteinVision®* 2.0

Benchmark in 3D Laparoscopy



Additional novel features

EinsteinVision® - consistent image quality

Reprocessing and sterilisation is the major cause of image degradation and subsequent loss of quality in fragile optical components.

The optical camera system never needs to be autoclaved when using the ***EinsteinVision®*** single-use sterile drape. Thus no aging occurs that may reduce the high quality of the system by autoclaving.

EinsteinVision® - always in focus

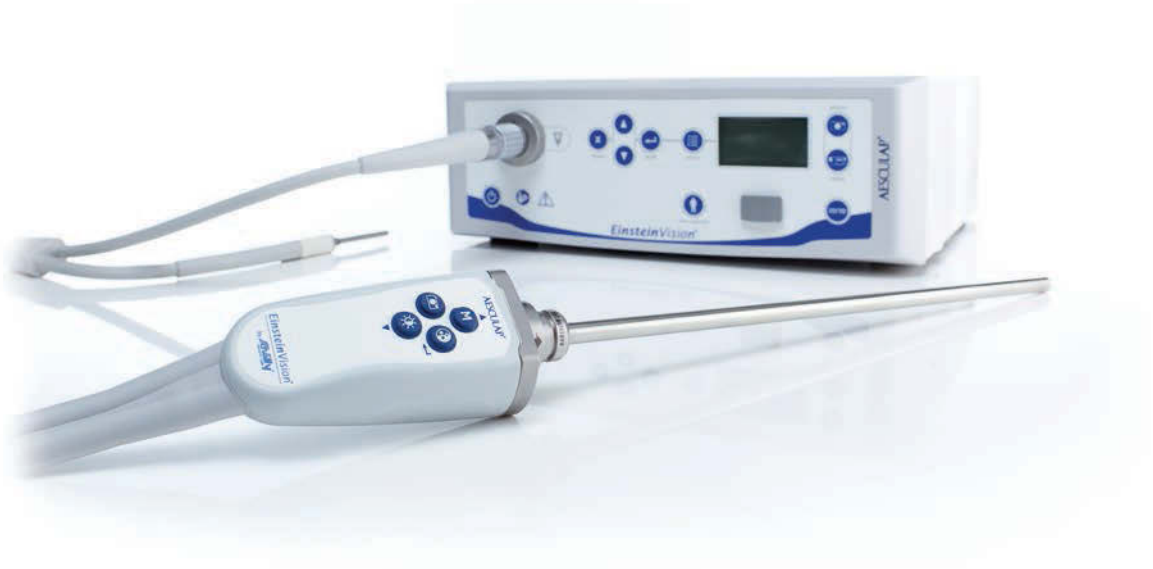
The entire surgical site is delivered with impressive image definition – without the need to refocus.

EinsteinVision® - cable management

With the new 'all-in-one concept' the light cable is fed through the camera head directly into the endoscope reducing the number of cables in the sterile field.

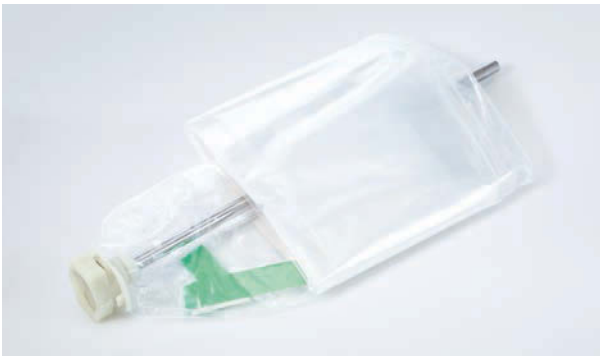
EinsteinVision® – image rotation for 30° camera system

At times, when using an 'all-in-one' 30° camera system it is necessary to invert the scope by 180°. At the press of a button on the camera head, the image is inverted so that the field of vision remains correct.



Innovation for Laparoscopy

Sterile product handling concept



*Einstein*Vision® - innovative sterile concept

The new Aesculap sterile concept utilises a sterile single use drape which hermetically seals the complete laparoscope, the camera and its cable. It is used as a sterile barrier between patient and camera system.

The advantages:

- The process – no change in existing practice using a sterile drape
- The use – camera system remains in the theatre and is always ready for use
- The quality – the integrated glass cover on the distal end of the sterile drape provides a clear view of the surgical site
- The patient – the sterile drape is latex free and reduces the risk of cross-contamination
- The budget – a maximum of two cameras (0°, 30°) enables trouble-free surgical procedures
- The savings – no reprocessing costs

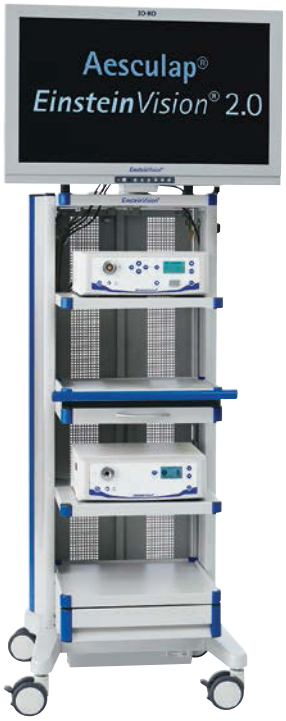
Our concept – one patient, one drape!

Experience the difference!

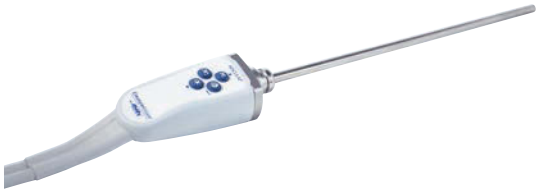
Aesculap® *EinsteinVision*® 2.0

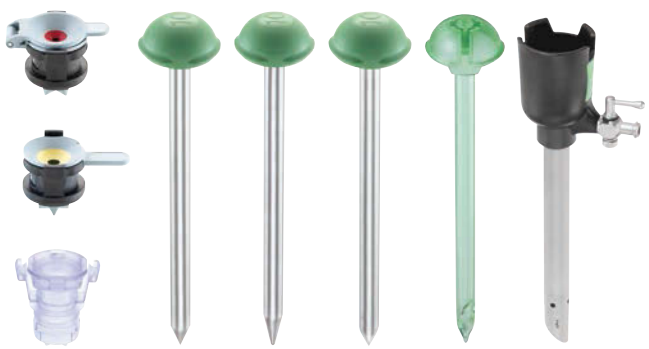
Benchmark in 3D Laparoscopy

Item no.	Description
EV2-000017	3D camera control unit
EV2-000053	***Einstein****Vision*® 2.0 camera head, 0°, 10 mm
EV2-000054	***Einstein****Vision*® 2.0 camera head, 30°, 10 mm
EV2-000055	Sterile drape for 0° camera head (pack of 16)
EV2-000056	Sterile drape for 30° camera head (pack of 16)
EV2-000021	Xenon light source, 300 W
EV-000020	USB keyboard (QWERTY)
EV-000023	3D polarization glasses, standard (pack of 15)
EV-000024	3D polarization glasses, deluxe (pack of 5)
EV2-000027	3D polarization glasses, clip-on (pack of 1)
EV2-000083	Camera holder for trolley
EV-000047	3D Full HD monitor 32"
EV2-000018	2D/3D adapter plate
PV904	2D Full HD touch monitor 21"
EV2-000016	Trolley
EV2-000016A	Extension arm for 2D monitor



Item no.	Description
EK044R	***Einstein****Vision*® 2.0 reusable trocar sleeve with stopcock, smooth, 110 mm
EK056R	Reusable trocar pin, conical sharp, 110 mm
EK059R	Reusable trocar pin, conical blunt, 110 mm
EK062R	Reusable trocar pin, triangular, 110 mm
EK159SU	Single use dilating trocar pin, 110 mm (pack of 6)
EK083P	Reusable sealing unit for trocars with diam. 10 -12 mm, with 5 mm flap converter
EK086P	Reusable sealing unit for trocars with diam. 10 -12 mm
EK002SU	Single use universal seal for trocars with diam. 10 -12 mm, (pack of 20)





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 ***Einstein****Vision*® 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. ***Einstein****Vision*® 2.0 meets these requirements already today.

The ***Einstein****Vision*® 2.0 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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