

# SONY



3D Eye shield with Shield frame

**CFV-E30SK** 3D Eye Shield Kit

**CFV-E20SK** 2D Eye Shield Kit

**CFV-E30D** 3D Eye Shield

**CFV-E20D** 2D Eye Shield


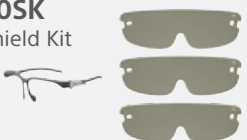



**CFV-B100** Shield Frame

The CFV-E30SK, CFV-E20SK, CFV-E30D, CFV-E20D, and CFV-B100 are eye shield products for use with Sony's 3D Medical Monitors. These lightweight eye shields improve the efficiency of 3D surgical operations by protecting\* the eyes of surgeons as well as medical and clinical staff, from blood splashes and other bodily fluids while maintaining clear image visibility.

\*These products can not be used for eye-protection against physical shock, harmful rays and other hazards in different fields.



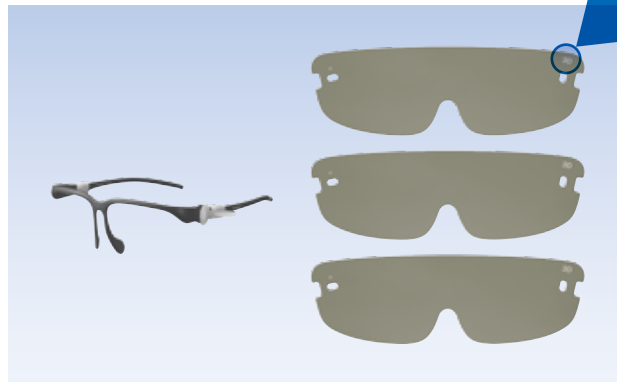
## Sony's Eye Shield Products Line Up

Models	Configuration	Application
<b>CFV-E30SK</b> 3D Eye Shield Kit 	Shield Frame (1 piece) Disposable 3D Eye Shield (3 pieces)	Starter kit for surgeons and medical staff to view 3D images on 3D monitors
<b>CFV-E20SK</b> 2D Eye Shield Kit 	Shield Frame (1 piece) Disposable 2D Eye Shield (3 pieces)	Starter kit for clinical staff supporting the surgeon in the operating room, with 2D images
<b>CFV-E30D</b> 3D Eye Shield Pack  (15 pieces)	Disposable 3D Eye Shield (15 pieces)	Optional replacement 3D eye shields
<b>CFV-E20D</b> 2D Eye Shield Pack  (15 pieces)	Disposable 2D Eye Shield (15 pieces)	Optional replacement 2D eye shields
<b>CFV-B100</b> Shield Frame 	Shield Frame (1 piece)	Optional replacement shield frame

## CFV-E30SK 3D Eye Shield Kit

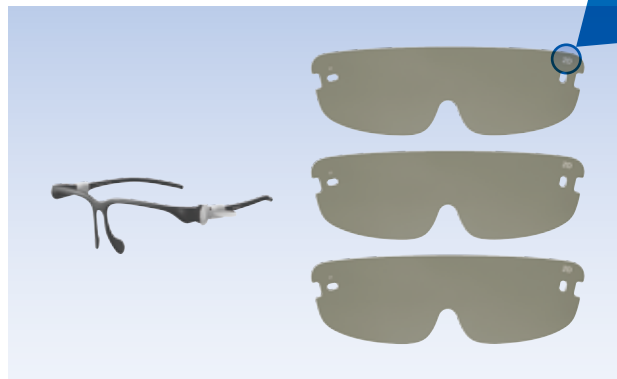
The CFV-E30SK is a 3D eye shield kit that includes one frame (CFV-B100) and three disposable 3D eye shields. The frame and each eye shield provide eye protection to health professionals in the operating room as they view 3D images on Sony's 3D Medical Monitors.

Each 3D circular polarizing eye shield fits into the shield frame, which is light and comfortable to wear for extended periods of time. Wearing the eye shield and frame, healthcare professionals are protected from blood splashes and other bodily fluids in the operating room during clinical procedures.



## CFV-E20SK 2D Eye Shield Kit

The CFV-E20SK is a 2D eye shield kit that includes one frame (CFV-B100) and three disposable 2D eye shields designed for use by clinical staff who support the surgeon. As these people typically work under 2D conditions, they are liable to suffer from so-called '3D sickness' if they use 3D eye shields. To avoid this discomfort and ensure operational efficiency, they require the 2D filter provided by 2D eye shields. This filter allows them to view the same 3D monitor images in 2D.



## CFV-B100/E30D/E20D

For ongoing use of the CFV-E30SK and CFV-E20SK solutions, the following products are available:

- The CFV-B100 is an optional lightweight replacement shield frame for the CFV-E30SK/E20SK
- The CFV-E30D provides 15 additional disposable 3D eye shields for the CFV-E30SK
- The CFV-E20D provides 15 additional disposable 2D eye shields for the CFV-E20SK



3D Eye shield with Shield frame

# Specifications

	CFV-E30SK 3D Eye Shield Kit	CFV-E20SK 2D Eye Shield Kit	CFV-E30D 3D Eye Shields	CFV-E20D 2D Eye Shields	CFV-B100 Shield Frame
Operating Temperature	0 °C to 40 °C	0 °C to 40 °C	0 °C to 40 °C	0 °C to 40 °C	0 °C to 40 °C
Operating Humidity	30% to 85%	30% to 85%	30% to 85%	30% to 85%	30% to 85%
Storage/Transport Temperature	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +60 °C
Storage/Transport Humidity	20% to 90%	20% to 90%	20% to 90%	20% to 90%	20% to 90%
Operating/Storage/Transport Pressure	700 hPa to 1060 hPa	700 hPa to 1060 hPa	700 hPa to 1060 hPa	700 hPa to 1060 hPa	700 hPa to 1060 hPa
Dimensions*	Approx. 160 x 45 mm (Shield Frame) (1) Approx. 235 x 77 mm (3D Eye Shield) (3)	Approx. 160 x 45 mm (Shield Frame) (1) Approx. 235 x 77 mm (2D Eye Shield) (3)	Approx. 235 x 77 mm (3D Eye Shield) (15)	Approx. 235 x 77 mm (2D Eye Shield) (15)	Approx. 160 x 45 mm
	6 3/8 x 1 13/16 inches (Shield Frame) (1) 9 3/8 x 3 1/8 inches (3D Eye Shield) (3)	6 3/8 x 1 13/16 inches (Shield Frame) (1) 9 3/8 x 3 1/8 inches (2D Eye Shield) (3)	9 3/8 x 3 1/8 inches (3D Eye Shield) (15)	9 3/8 x 3 1/8 inches (2D Eye Shield) (15)	6 3/8 x 1 13/16 inches
Mass	Approx. 16 g (Shield Frame) (1) Approx. 7g (3D Eye Shield) (3)	Approx. 16 g (Shield Frame) (1) Approx. 7g (2D Eye Shield) (3)	Approx. 7g (3D Eye Shield) (15)	Approx. 7g (2D Eye Shield) (15)	Approx. 16 g
	Approx. 0.56 oz (Shield Frame) (1) Approx. 0.25 oz (3D Eye Shield) (3)	Approx. 0.56 oz (Shield Frame) (1) Approx. 0.25 oz (2D Eye Shield) (3)	Approx. 0.25 oz (3D Eye Shield) (15)	Approx. 0.25 oz (2D Eye Shield) (15)	Approx. 0.56 oz
Supplied Accessories	Operating Instructions (1) Attachment Procedure (1)	Operating Instructions (1) Attachment Procedure (1)	Operating Instructions (1) Attachment Procedure (1)	Operating Instructions (1) Attachment Procedure (1)	Operating Instructions (1) Attachment Procedure (1)
Safety Regulation	Europe: DIN EN 166:2002-04 (not fully compliant)**				

\* The values for dimension are approximate.

\*\* These products are required to comply with the essential requirements according to the Annex II of Directive 89/686/EEC on Personal Protective Equipment.

## Related Products



**LMD-2451MT**  
3D HD Medical Monitor



**BKM-30GM**  
Circular-polarizer 3D Glasses



**BKM-31GM**  
Circular-polarizer 3D Glasses (clip-on)

Note: The BKM-30GM/31GM has the same polarization characteristics as the CFV-E30SK/E20SK.

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