

SEM video Chamberscope

扫描电镜腔室视频观察镜(扫描电镜内窥镜)

The Deben video Chamberscope is available for all SEMs and can be fitted to any free flange on the SEM chamber or door. As a standard package the Chamberscope is available with a standalone power supply incorporating an illumination control and two camera lenses for either wide angle or zoom observation. Monitor is optionally available. 英国 Deben 出品的视频腔室观察镜可用于所有扫描电镜，安装在电镜腔室任意端口的空法兰上或腔室门上。作为一个标准组合，腔室观察镜带有独立的电源装置并包含照明控制和广角摄像镜头或变焦镜头。监视器是可选项。

Internal illumination is from infra-red emitters with intensity controlled from the front panel of the power supply. 内部照明采用红外光源，其强度由电源前面板控制。

The camera flange has glass to metal electrical seals for excellent vacuum integrity and is X-Ray safe to 40KeV. 摄像机法兰采用玻璃金属电密封技术，具有卓越的真空完整性并且 X-射线安全级别可高达 40KeV



A common problem with early internal chamber cameras was overheating, this problem is overcome by heat sinking the camera CCD and associated components. 早期的内置式腔室摄像机通常存在过热问题，现在这个问题已被冷 CCD 及相关部件所克服。

An optional 5.6" TFT monitor is available fitted directly to the power supply, this provides a neat and compact viewing solution and prevents desktops from becoming cluttered. 一个可选的 5.6 英寸 TFT 监视器可直接和电源装置配套安装，这提供了一个简洁和紧凑的观察方案，从而避免了桌面的杂乱无章。

Images show Chamberscope fitted to a JEOL JSM-6390LV with wide angle 3.6mm lens fitted. 右下图为安装在 JEOL JSM-6390LV 型电镜上的带有 3.6mm 广角镜头的腔室观察镜。

Available as an option is USB2 video capture to allow the image to be displayed on the SEM PC monitor. 可选的 USB2 视频采集卡，用于在 SEM PC 显示器上显示图像。

Specifications:

技术指标:

- | | |
|----------------------------------|-------------------------|
| • 560 line TV resolution | 分辨率: 560 TV线 |
| • 3.6mm & 6mm lens supplied | 3.6mm和6mm镜头 |
| • TV rate output PAL or NTSC | TV速率输出, PAL 或 NTSC制式 |
| • X-Ray safe | X射线安全 |
| • 100-115V or 230-240V | 电压: 100-115V 或 230-240V |
| • Standard round flange to 100mm | 标配100mm圆形法兰 |
| • Optionally will fit any flange | 可选的任意法兰安装 |

Options:

可选项:

- | | |
|----------------------|------------|
| • 5.6" TV monitor | 5.6英寸TV监视器 |
| • USB2 video capture | USB2视频采集卡 |



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