

## PELCO® Universal SEM Sample Holder Set Product No. 16430



The PELCO® Universal SEM Sample Holder Set extends the capabilities of your SEM by offering convenient sample holders for larger or awkwardly shaped samples, multiple samples, cross sections or pre-tilt imaging. This versatile specimen holder set can be used on most SEM brands since it includes pin mount adapters for FEI/Philips, Zeiss/LEO/Leica, Tescan and AMRAY. A 12.2mm stub adapter for JEOL is also included and all the holders have an M4 thread which is compatible with Hitachi SEMs. The set comes in a plastic styrene box with a convenient plastic sample holder tray to keep the sample holders dust free and ready to use.

The PELCO® Universal SEM Sample Holder Set contains the following sample holders/components:

Prod No. 15342-4 Universal Spring Loaded Vise

Prod No. 15340-4 Micro Vise

Prod No. 15310-4 Multi Holder for 4 standard 12.7mm pin stubs

Prod No. 16327-30 SEMClip™ 25mm with 3 Clips, flat

Prod No. 16347-20 SEMClip™ 25mm 45°/90° with 2 clips

Prod No. 15319 Standard Pin Adapter to M4 (2 each)

Prod No. 15319-9 Short Pin Adapter to M4 (Zeiss)

Prod No. 15319-2 Long Pin Adapter to M4 (Amray)

Prod No. 15367 JEOL 12.2 stub adapter to M4

Plastic box with sample holder tray and Allen wrenches



## **Instructions for using the sample holders on different SEM brands/platforms:**

**Hitachi SEMs** with M4 threaded screw on sample stage: You can use the sample holders directly since they have a M4 threaded hole in the base. No need for an adapter.

**FEI/Philips, Tescan, Leica, CamScan, Cambridge Instruments SEMs:** Use the #15319 Standard Pin Adapter to M4 to convert the holder to a pin mount holder. Screw the threaded end of the pin adapter into the base of the sample holders, two are provided.

**Zeiss/LEO SEMs:** : Use #15319-9 Short Pin Adapter to M4 to convert the holder to a pin mount holder. Screw the threaded end of the pin adapter into the base of the sample holders.

**JEOL SEMs:** Use the #15367 JEOL 12.2 stub adapter to M4 to convert the holders to a JEOL compatible sample holder. Screw the threaded end of the adapter into the base of the sample holder. Many JEOL SEMs have a holder for 12.2mm sample stubs. Please be aware that this increase the height of the sample holder assembly – make sure it will fit the SEM with enough clearance to the pole piece and or pole piece mounted detectors.

**Amray SEMs :** Use the #15319-2 Long Pin Adapter to M4 to convert the holder to a pin mount holder. Screw the threaded end of the pin adapter into the base of the sample holders.