



EM-Tec V22 compact vise type sample holder

Products [#12-000200](#) and [#12-000300](#)



Description

The EM-Tec V22 compact vise clamp includes a knurled brass knob to move the spindle screw for opening and closing this compact vise clamp. Available with either the standard 3.2mm pin or an M4 threaded hole for mounting on the SEM sample stage or on the EM-Tec SEM stage adapter with M4 screw

Operation

Consider wearing gloves to avoid contamination.

- To open the EM-Tec V22 compact vise type holder, rotate the knurled brass knob at the front of the holder. Turning the knurled brass knob anti-clockwise will open the jaws; the moving jaw moves towards the back.
- Place the sample in the opening (up to 22mm).
- To close the jaws, turn the knurled brass knob clockwise and clamp the sample. Be careful not to over-tighten the screw.

Even very thin samples can be securely held in the EM-Tec V22 compact vise type sample holder. For delicate samples, consider lining the jaws with EM-Tec conductive soft jaw lining kit; #12-003207.

Specifications

Maximum clamping capacity between vise jaws:	22mm
Dimensions closed (w/o pin):	39 x 25 x 22mm
Dimensions fully opened (w/o pin):	61 x 25 x 22mm
SEM stage compatibility - standard pin:	#12-000200
- EM-Tec stage adapters M4:	#12-000300
- Hitachi M4	#12-000300

Material for compact vise type holder:	Vacuum grade aluminium
Material for spindle:	Low friction brass
Materials for screw:	Anti-magnetic stainless steel

Maintenance

The EM-Tec V22 compact vise clamp is maintenance free. Do not use oil or grease on the screw or brass spindle; this will cause contamination in the SEM. Do not allow debris to accumulate underneath the sliding vise jaw.

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