



EM-Tec G0, G1, G2 & G4 geological thin section and slide holders with S-clips



Products

- [12-000260](#) EM-Tec G0 universal thin section slide holder for up to 75x50mm slides, pin
- [12-000360](#) EM-Tec G0 universal thin section slide holder for up to 75x50mm slides, M4
- [12-000261](#) EM-Tec G1 single geological thin section holder for up to 47x27mm, pin
- [12-000361](#) EM-Tec G1 single geological thin section holder for up to 47x27mm, M4
- [12-000262](#) EM-Tec G2 twin geological thin sections holder for up to 47x27mm, pin
- [12-000362](#) EM-Tec G2 twin geological thin sections holder for up to 47x27mm, M4
- [12-000264](#) EM-Tec G4 four geological thin sections holder for up to 47x27mm, pin
- [12-000364](#) EM-Tec G4 four geological thin sections holder for up to 47x27mm, M4

Description

The EM-Tec G0, G1, G2 and G4 geological thin section holders are designed to hold geological thin sections or petrographic slides. The EM-Tec G0 holders have two open sides and can hold slides up 75 x 50mm. The EM-Tec G1, G2 and G4 holders all include pockets which are designed to hold slides up to 47 x 27mm. The slides are held with two S-Clips to push the slide down on the holder plate; thin slide are secured in the pockets. Loading and unloading is made easy with side grooves to facilitate tweezers tips..

Operation

Consider wearing gloves and using tweezers to avoid contamination. Before loading a petrographic slide, turn the S-Clips away from the sample area and let them rest on the side. Load the petrographic slide and check that it fits into the pocket. Position the S-clips back over the slide to push down the slide. To make rotating the S-Clips easier, it might be needed to unscrew the brass screw half a turn. The S-Clips can be lifted at the tips with tweezers. Only position the S-Clips over an unused area of the slide. To ensure conductivity, position the clips on a coated area.



Specifications

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| Geological slide capacity G0: | 1 up to 75 x 50mm |
| Geological slide capacity G1: | 1 up to 47 x 27mm |
| Geological slide capacity G2: | 2 up to 47 x 27mm |
| Geological slide capacity G4: | 4 up to 47 x 27mm |
| Dimensions G0: | 52 x 32 x 7mm |
| Dimensions G1: | 56 x 30 x 7mm |
| Dimensions G2: | 58 x 56 x 7mm |
| Dimensions G4: | 107 x 58 x 7mm |
| SEM stage compatibility - standard pin: | #12-000260,12-000261, 12-000262 & 12-000264 |
| - EM-Tec stage adapters M4: | #12-000360,12-000361, 12-000362 & 12-000364 |
| - Hitachi M4 | #12-000360,12-000361, 12-000362 & 12-000364 |
| Material for holder plate: | Vacuum grade aluminium |
| Material for S-Clips: | Beryllium copper |
| Material for screws: | Brass |

Maintenance

The EM-Tec geological thin section and slide holders are maintenance free. Do not use oil or grease on S-Clip or screw; this will cause contamination in the SEM. Spare S-Clips can be reordered using product number: #12-000900. Screw used for the S-Clips: M2 x 3mm

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