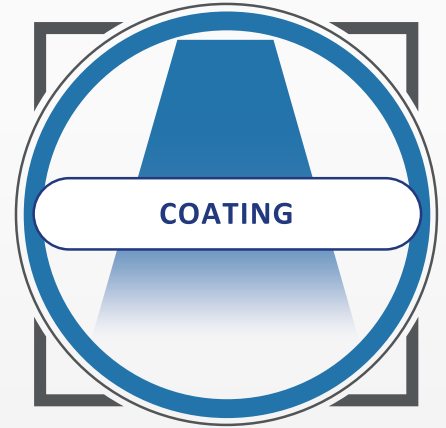


Quorum

MiniQS



ENTRY-LEVEL COATER

- ◆ Simple operation
- ◆ Robust touch panel
- ◆ Sputter coating of Au, Au/Pd and Ag
- ◆ Small footprint
- ◆ Automatic operation with minimal user intervention required

Recommended applications:

- ◆ Table-top SEM coater
- ◆ Low and medium magnifications



Features

The MiniQS is ideally suited to the budget-conscious user who also demands reproducible results in an easy-to-use instrument. The MiniQS uses a magnetron sputtering head with a simple to replace disc target.

- ◆ Sputter head is hinged for easy operation
- ◆ Fitted with safety interlocks
- ◆ Detachable chamber with implosion guard and top-plate allowing for easy cleaning
- ◆ Pre-set profiles with single touch operation
- ◆ Automatic operation with minimal user intervention required
- ◆ Compact size; ideal for use with benchtop SEMs
- ◆ Range of noble target options to suit majority of applications including forensics
- ◆ Possibility of coating samples up to 50 mm diameter

Safety

- ◆ The MiniQS meets UK and European (CE) industry standards, including LVD, EMC and RoHS
- ◆ Vacuum interlocks remove power from deposition sources to prevent users being exposed to high-voltage

Specifications

Instrument Dimensions

- ◆ 225 mm W x 420 mm D x 480 mm H x 470 mm (total height with coating head open)

Weight

- ◆ 8.7kg

Sputter Target

- ◆ Disk-style 57 mm Ø 0.1mm thick gold (Au) target is included in the accessory pack
Gold/palladium (Au/Pd) and silver (Ag) target options available

Specimen Stage

- ◆ 50 mm Ø stage

Vacuum

Two options available

- ◆ Long pipe option suitable for placing rotary pump on the floor (1.5 m KF16 stainless steel, average pump down 31.57 seconds)
- ◆ Short pipe option suitable for pump to be housed on bench or below bench (0.7 m Armorvin hose, average pump down 53.60 seconds)

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