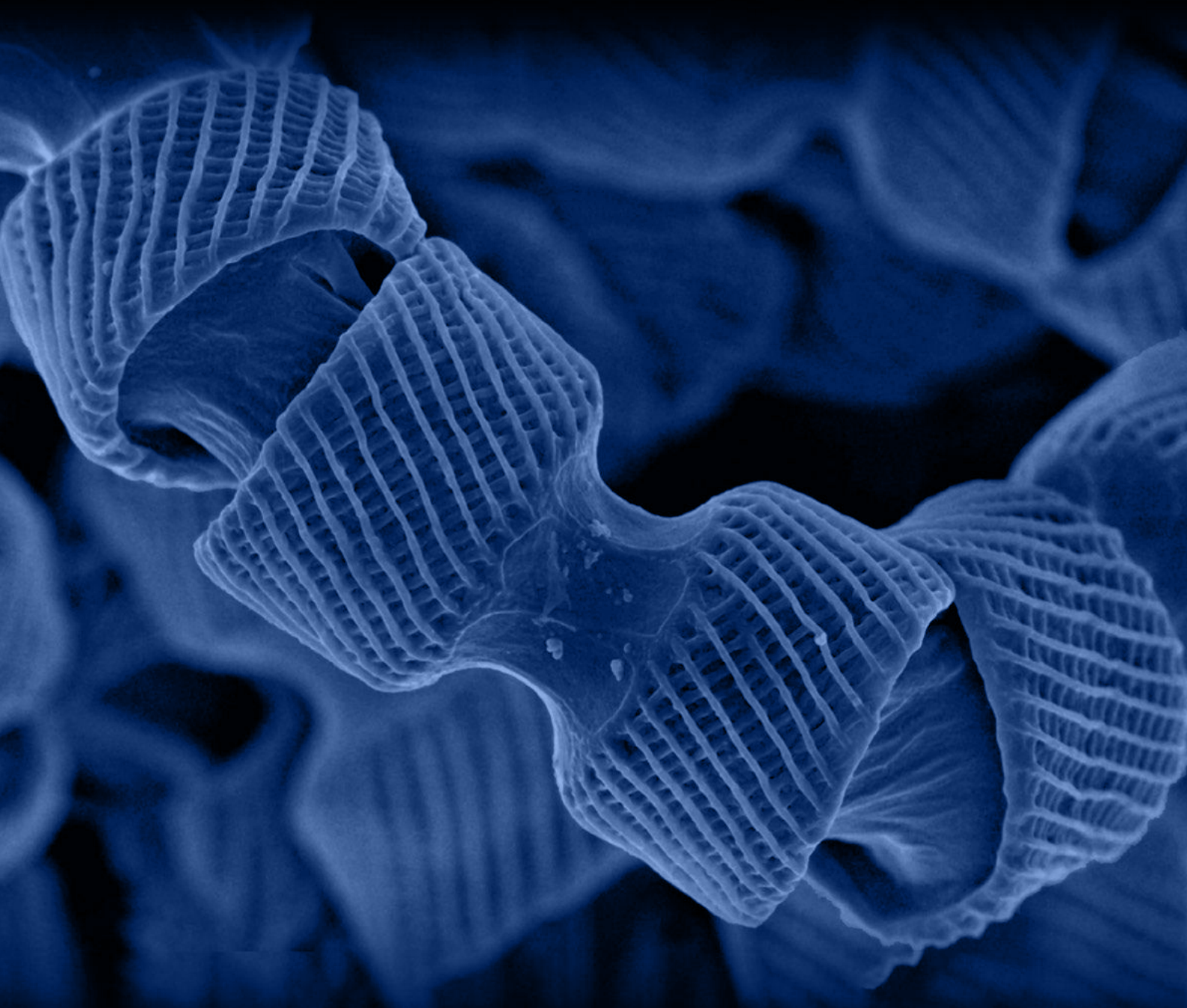


QCoat

Quorum

Q300



SPECIALISTS IN ELECTRON MICROSCOPY SAMPLE PREPARATION

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QPlusSeries

With unparalleled ease of use, the QPlus Series produces reliable and reproducible coatings of a variety of materials. Coming in two chamber sizes, the QPlus series can accommodate a variety of applications for SEM and FIB-SEM.

Q300 Plus

Q300 Plus Large Size 300 mm Diameter Chamber



Recommended applications

- ⇒ Large samples such as 8 inch wafers
- ⇒ Sequential coating of two target materials
- ⇒ Thin film applications - Material science

The Q300 Plus Series

Q300



Q300T ES PLUS

Turbomolecular pumped system

Product Information

- ◆ Single sputter head
- ◆ Large Chamber (300 mm Ø)
- ◆ Pump-down Vacuum: 5×10^{-5} mbar
- ◆ Chromium and Carbon rod as standard

Recommended applications

- ◆ High resolution SEM
- ◆ Large samples e.g Silicon Wafers (up to 150 mm)
- ◆ Protective platinum layers for FIB
- ◆ Carbon coating for elemental analysis – replicas



Q300T D Plus

Turbomolecular pumped system

Product Information

- ◆ Dual sputter head dual target
- ◆ Large Chamber (300 mm Ø)
- ◆ Pump-down Vacuum: 5×10^{-5} mbar
- ◆ Chromium and Gold as standard

Recommended applications

- ◆ Large samples e.g Silicon Wafers (up to 200 mm Ø) or multiple small samples Wafer inspection
- ◆ Multiple sample preparation for SEM
- ◆ Thin-film applications and SEM/FE-SEM



Q300T T Plus

Turbomolecular pumped system

Product Information

- ◆ Triple sputter head single target
- ◆ Large Chamber (300 mm Ø)
- ◆ Pump-down Vacuum: 5×10^{-5} mbar
- ◆ Chromium as standard

Recommended applications

- ◆ Large samples e.g Silicon Wafers (up to 200 mm Ø) or multiple small samples
- ◆ Wafer inspection
- ◆ Multiple sample preparation for SEM
- ◆ Thin-film applications and SEM/FE-SEM

The Quorum Coaters series

Features

	Q300 T ES Plus	Q300T T Plus	Q300T D Plus
New touch & swipe capacitive screen	✓	✓	✓
USB port for upgrades and downloads of log files	✓	✓	✓
Multiple user profiles can be set for one machine	✓	✓	✓
New software sorts recipes per user according to recent use	✓	✓	✓
16GB of flash memory can store more than 1000 recipes	✓	✓	✓
Status indication through visual multi-colour LED	✓	✓	✓
Audio notification when process completed	✓	✓	✓
Create recipe sequences with simple copy, drag and drop operation	✓	✓	✓
Interchangeable stage options	✓	✓	
Interchangeable plug-in heads	✓		
Capable of achieving vacuum 5×10^{-5} mbar	✓	✓	✓
Capable of achieving vacuum 1×10^{-6} mbar in 20 minutes			
FTM control on carbon deposition as an option	✓		
Three sputter heads for large area deposition of different materials		✓	
Single head selection for small samples		✓	✓
Multi-layer deposition of two materials			✓



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