



TURBOMOLECULAR PUMPING CARBON COATER CRESSINGTON 208 Carbon for TEM, Microprobe, FESEM and EBSD



208C carbon coater with optional MTM10 thickness monitor

Ref: CR-87130 - 208C Carbon Coater



- Compact unit with integrated pumping system, including Pfeiffer HiPace80 turbomolecular pump and Pfeiffer Duo 3.0 vane pump on anti-vibration table located behind the unit for minimal benchtop space
- Manual or automatic cycle operation (around 10').
- Glass evaporation chamber \varnothing 150 x 150 mm for rapid pump down.
- Height-adjustable \varnothing 63 mm sample holder's table.



- BRADLEY type evaporation head with quick change rod fed carbon source holder.
- 2 step rods fed -ultra pure- carbon source \varnothing 6,15 mm, -ultra purity- with cylindrical size for perfect regularity of the evaporation.

Microprocessor controlled operation with safety system.

Automatic control of the stability of the carbon heating current according to the selected voltage.

Feedback loop enables precise & consistent coating thickness.

Evaporation time control by digital timer.

Two precision displays for measuring vacuum level and heating current.

Automatic switching of Pirani and Penning gauges.

Operating pressure up to 10⁻⁵mb.

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OPTIONS:

Ref: CR-87030 - HIGH RESOLUTION THICKNESS MONITOR MTM10



- 6 MHz Quartz measuring head.
- 4-digit indicator.
- Thickness range 0 to 999.9 nm.
- Resolution 0.1 nm.
- Density range: 0.5 to 30.0 g/cm³.
- Tooling factor range: from 0.25 to 8.0 adjustable according to the height of the sample.
- Four values can be stored in memory both under Density and under Tooling

Ref: CR-87054 - ROTARY TILTING STAGE (R-T-S)



- Variable speed rotation and adjustable tilt from 0 to 90° with locking system.
- Delivered with a mounting base including a free port, a glass chamber extension ø 150 x 65 mm and two metal rings ø 150 x 15 mm.
- Multi-support rotary stage. Can accommodate one microscope slide (25X75 mm), 7 standard ½" ø tail holders or (optional) 3X ø 45 mm sample holders tables, accepting 6X ø 13 mm sample holders for example.

Ref: CR-87053 - ROTARY TILTING PLANETARY STAGE (R-T-P-S)



- Variable speed planetary rotation movements and adjustable 0-90° tilt with locking system.
- Delivered with mounting base including a free port, a glass chamber extension ø150 x 65 mm and two metal rings 150 x 15 mm.
- 4X ø 45 mm samples holder tables accepting 6X ø 13 mm sample holders for example.

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Ref: PE58 - MOTORIZED CARBON ROD SHARPENER – PELCO EASISHAPER



- For fast, accurate and clean carbon rods sharpening
- Accepts ¼" rods as standard
- Optional holders for 1/8" and 3/16" Carbon rods
- Sharpens in single or double step diameter reduction.
- Easily adjustable cutting blades
- Integrated dust collector
- Ergonomic and compact design

Ref: CR-PLT-13F - ASBESTOS PLATE (for ø 26 mm filters)



- Thin metal tray of ø 125 mm to be placed on the original table
- Positioning by two pins that fit into 2 holes of the table
- Specific hole in the plate for compatibility with the Quartz device for the optional thickness measurement
- This tray can receive 13 filters of ø 26 mm (with the metallic rings of maintenance)

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