

NL50 Benchtop Nanoparticle Deposition System



- ◆ Ultra-pure nanoparticles
- ◆ Deposition in minutes
- ◆ Easy to use automated recipes
- ◆ Choose from high purity Ag, Au, Pt, Ni, Cu and more
- ◆ Ideal for catalysis, antiviral, biosensor research and more

Vacuum Coaters



Available
for virtual
demo!

Innovative compact desktop coating systems for EM sample preparation

- ◆ Sputter coaters for SEM
- ◆ High resolution coater for FE-SEM
- ◆ Carbon coater for SEM/EDX
- ◆ Turbo carbon coaters for SEM/TEM/XMA
- ◆ Thickness monitors for SEM/TEM

WELL Diamond Wire Saws

Available
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demo!



- ◆ Precision cuts, resulting in smooth, flat finishes; often eliminate or greatly reduce polishing time
- ◆ Patented, stainless steel, diamond embedded wire creating minimum material loss
- ◆ On-screen display to set optimum wire tension
- ◆ No maintenance required
- ◆ Quick & easy to clean

Polishers/Grinders



Versatile, robust automatic polishing machines

- ◆ Semi-automatic head with central and variable pressure (0-250N)
- ◆ Up to 6 samples can be ground simultaneously
- ◆ 3.5" touch screen keypad
- ◆ USB port to save and load data
- ◆ Adjustable water flow with safety solenoid valve
- ◆ Removable bowl for easy cleaning
- ◆ Retractable rinsing taps for easy cleaning

Cutlam Laboratory Cutting Machines



- ◆ Precision wheel for sectioning and cutting samples
- ◆ Stable & vibration free
- ◆ Easy-to-use touchscreen (3.5")
- ◆ Fully opening cover and remote motor
- ◆ Range of clamps to clip a variety of sample
- ◆ Recirculation/cooling tank to protect, cool and lubricate

Advanced Automatic Mounting Press



- ◆ Exclusive heating and cooling system with a preheating element reducing total cycle time to 5 minutes
- ◆ EZ-TSK Touch screen Keypad with centralised programming of temperature, pressure, heating, and cooling parameters
- ◆ USB port to save & load programs
- ◆ Removable top portion for easy cleaning
- ◆ Separate pneumatic and electrical systems for easy maintenance

Ultrasonic Cleaners



- ◆ A range of heated ultrasonic cleaning baths are available for general purpose cleaning
- ◆ Each bath has a high quality stainless steel tank and component basket, an integral generator and an automatic tuning facility
- ◆ Some models are fitted with a programmable timer as standard and heater options are also available
- ◆ Larger models also have drain taps fitted

Micro-Slicers



Several models of tissue slicers and choppers to produce tissue slices from fixed and fresh tissues.

- ◆ DTK Soft Tissue Microslicers have a unique design for the vibratory motion of the cutting blade
- ◆ NLS-MT Micro-Slicer is a vibrating blade, high performance microslicer
- ◆ The EasiSlicer combines the ease of operation, precise engineering and affording pricing in a high quality instrument

Easiglow Discharge Cleaning System



Available
for virtual
demo!

A compact, easy-to-use discharge cleaning system primarily designed for surface modification of TEM support films

- ◆ Precise and easy vacuum setting
- ◆ Short cycle times
- ◆ Consistent results
- ◆ Auto, programmed and manual mode
- ◆ Intuitive touch screen for display and operation
- ◆ Supports hydrophilic/hydrophobic and negative/positive modes
- ◆ Affordable, compact, standalone system

BioWave Pro+ Microwave Tissue Processing System



Sophisticated microwave tissue processing system

- ◆ Enables rapid specimen processing with consistent high-quality results
- ◆ Enhances processing of tissue for diagnostic and research TEM, immuno-fluorescence and confocal specimen processing
- ◆ Simple and clear interactions
- ◆ Live run-time graphs provide an easily accessible view of the current protocol
- ◆ Simplified protocol selection screen allows one-touch access to loaded and custom protocols

EM Equipment Service & Repair



- ◆ Routine & contract maintenance and repair services
- ◆ Skilled, certified service engineers
- ◆ Ultramicrotome - servicing and repair
- ◆ EM Vacuum Coater - servicing and repair
- ◆ Sample preparation equipment - servicing, repair and installation
- ◆ Legacy SEM, TEM, STEM EBL and FIB Systems
- ◆ Fast response time