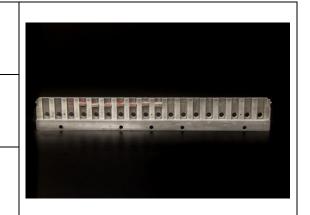




18-position rectangular cell sample changer

Key Characteristics $25-50 \, ^{\circ}\text{C}$, $\pm 2 \, ^{\circ}\text{C}$ (water bath)

Purpose *Biomolecules in solution*



15-position cylindrical cell sample changer

Key Characteristics $25-50 \, ^{\circ}\text{C}$, $\pm 1.5 \, ^{\circ}\text{C}$ (water bath)

Purpose Biomolecules in solution



9-position titanium cell sample changer

Key Characteristics $25-75 \, ^{\circ}C$, $\pm 1 \, ^{\circ}C$ (water bath)

Purpose Biomolecules in solution, powders, gels, & biomass







4-position tumbler sample changer

Key Characteristics

Titanium cells; 25-75 °C, \pm 1 °C (water bath)

Purpose

Suspended particles - nanoparticles, cells



8-position NeutroniQ8 Peltier sample changer

Key Characteristics

Cylindrical cells, -15 to +80 °C, \pm 0.3 °C (Peltier and water bath)

Purpose

Phase transitions in membranes & gels



8-position stretcher sample changer

Key Characteristics

Manual stretching

Purpose

Alignment of biomaterials under strain







4-position enhanced angle pressure cell sample changer

Key Characteristics

25-300 °C; Max. heating rate: 50 °C/min; Max. pressure: 1 kbar

Purpose

Biomass thermochemical pretreatment



4-position pressure cell sample changer

Key Characteristics

CO₂, Argon, etc. <10 kbar, ambient temperature;

Purpose

Gas absorption, pressure



1-position flow cell with syringe pump

Key Characteristics

Speed 5-500 ml/sec, ambient temperature

Purpose

Multi-phase micro-emulsion systems







Relative humidity cell

Key Characteristics

Rh ~ 0-97%, ambient temperature

Purpose

Gels, lipid membrane, porous materials like soil



Grazing-Incidence SANS stage

Key Characteristics

Aligned sample in beam for GISANS

Purpose

Membranes & thin films

