Model HUB440 and HUB880 Advanced High Pressure Generators

Operating Pressure Up To 6.2 kilobar (~90 kpsi)

Rapid Pressure Change (full pressure in seconds)
Pressure Jump mode: Sub-millisecond Pressure Rise or Drop
Built-in or External Control by Data Acquisition System
Compact and Portable (~55 lbs or ~75 lbs)

EPR, NMR and optical spectroscopy	Deep sea biology
Thermodynamic phase transitions	Material science
High pressure freezing	Solvent extraction
Chemical reaction kinetics	Pathogen inactivation
Organic synthesis	Chromatography
Protein aggregation studies	Protein conformation analysis
Control of enzymatic activity	High pressure food science
Compressibility measurements	Cell and tissue lysis
Pressure-jump enzyme kinetics	Spore germination studies

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