Supercritical Fluid Extractor (SFE)

100 to 1000 mL



EXTRACTION	
Operating pressure	**700 bar**
Operating temperature	**CO_2 : 0-150°C Water : 0-250°C**
CO_2 flowrate	**50 g/min at 1000 bar**
Extractor Capacity	**100 – 200 – 500 or 1000 mL**
SEPARATION	
Operating pressure	**0-200 bar**
Operating temperature	**0-100°C**
Separator capacity	**200 mL**

Technical data

- Dimensions :
  L 160cm x H 75cm x W 60cm
- Power supply : 230V – 50 Hz
- Process connection :
  ¼" OD pipe for CO_2 inlet
  ½" G connection for exhaust line

Versatile extraction system

- ✓ Supercritical CO_2 & subcritical water extraction
- ✓ Wide range of process conditions (1000 bar / +250°C)
- ✓ Easy & quick operation
- ✓ Low CO_2 consumption
- ✓ Small footprint – Suit in lab table

Options

- ✓ 1000 bar operation
- ✓ Automated back pressure regulator
- ✓ Co-solvent pump to increase performance
- ✓ Absorbent bed cartridge filter
- ✓ Stirring system
- ✓ Sapphire visualization cell

PLC control

- ✓ User friendly control panel
- ✓ Remote control



Services & Support

- ✓ Preventive & corrective maintenance
- ✓ Installation, commisioning & on-site training
- ✓ Technical support & remote assitance

Quality & Standards

CE ASME

Contact us for your tailor made solution

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SUPERCRITICAL FLUID INNOVATION

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