



ExtrateX
SUPERCRITICAL FLUID INNOVATION

Extraction

Operating pressure	0-400 bar
Operating temperature	0-100°C
CO ₂ flowrate	500 kg/h
Extractor Capacity	2 x 100L

Separation

Operating pressure	0-100 bar
Operating temperature	0-100°C
Separator capacity	2 x 50L
Cold trap capacity	1 x 20L



Innovative quick closure system

- ✓ Safe and easy operation without any tool
- ✓ Opening and closing in less than 10 seconds
- ✓ Full access to the extraction vessel for an easy loading & cleaning



High quality components

- ✓ Diaphragm metering CO₂ pump technology – No contamination
- ✓ High efficiency and reliability – Very low maintenance cost
- ✓ Precise flow control with Coriolis mass flow meter & frequency drive
- ✓ Robust & precise pressure regulating valve – High performance & precision



Continuous process

- ✓ Optimized cycle time – No time-out
- ✓ Fully automated process



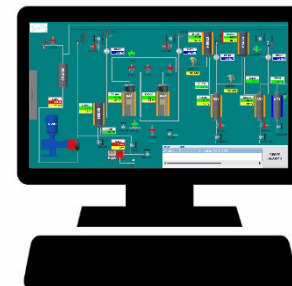
Sustainable

- ✓ Minimizes energy consumption
- ✓ Low operating costs
- ✓ CO₂ recycling – 95% CO₂ recovery



PLC control

- ✓ User friendly control panel
- ✓ Recipe management & data logging
- ✓ Remote control





Options

- ✓ 700 or 1000 bar operation
- ✓ Storage tank for CO₂ recovery
- ✓ Co-solvent pump to increase performance
- ✓ Cryogenic pumping system
- ✓ cGMP upgrade for clean room operation
- ✓ Software upgrade for pharmaceutical grade



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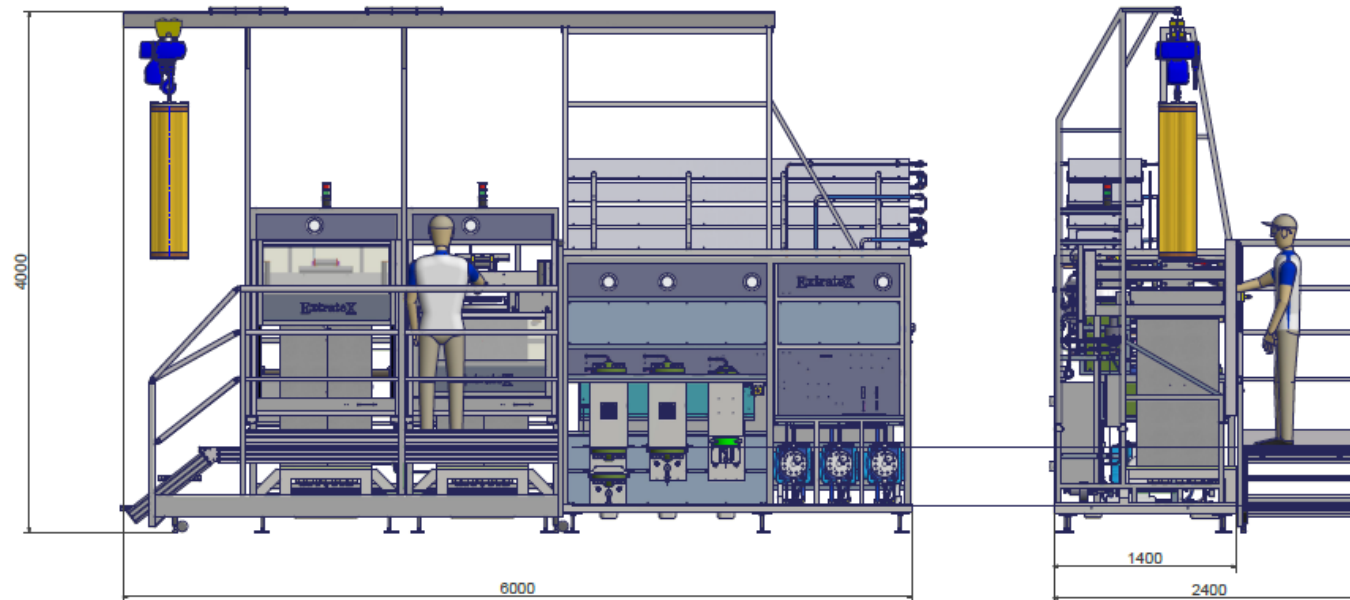
Services & Support

- ✓ Preventive & corrective maintenance all over the world
- ✓ Installation, commissioning & on-site training
- ✓ Technical support & remote assistance



Quality & Standards

- ✓ All our systems are CE marked according to the PED 2014/68/UE norm
- ✓ Our system can be manufactured according to other international standards : ASME / CRN
- ✓ Compliance with Machine Directive UE 2006/42/CE & Low voltage directive 2014/35/UE



Technical data

Dimensions : L 6m x H 4m x W 2,4m

Power supply : 400 V – 50 Hz – 3 phases + earth / 32A

Process connection : 3/4" OD pipe for CO₂ inlet - 2" G connection for exhaust line



Contact us for your tailor made solution

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