



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

- ✓ High Pressure CO₂ piston pump technology – High efficiency
- ✓ 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



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Extraction

Operating pressure 0-400 bar

Operating temperature 0-100°C

CO₂ flowrate 1500 kg/h

Extractor Capacity 2 x 400L

Separation

Operating pressure 0-100 bar

Operating temperature 0-100°C

Separator capacity 1 x 100L + 1 x 50L

Cold trap capacity 1 x 50L



PLC control

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





Options

- ✓ 700 or 1000 bar operation
- ✓ 3rd extraction vessel to increase productivity
- ✓ Co-solvent pump to increase performance
- ✓ Cryogenic pumping system
- ✓ cGMP upgrade for clean room operation
- ✓ Software upgrade for pharmaceutical grade



Gamp 5



Services & Support

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



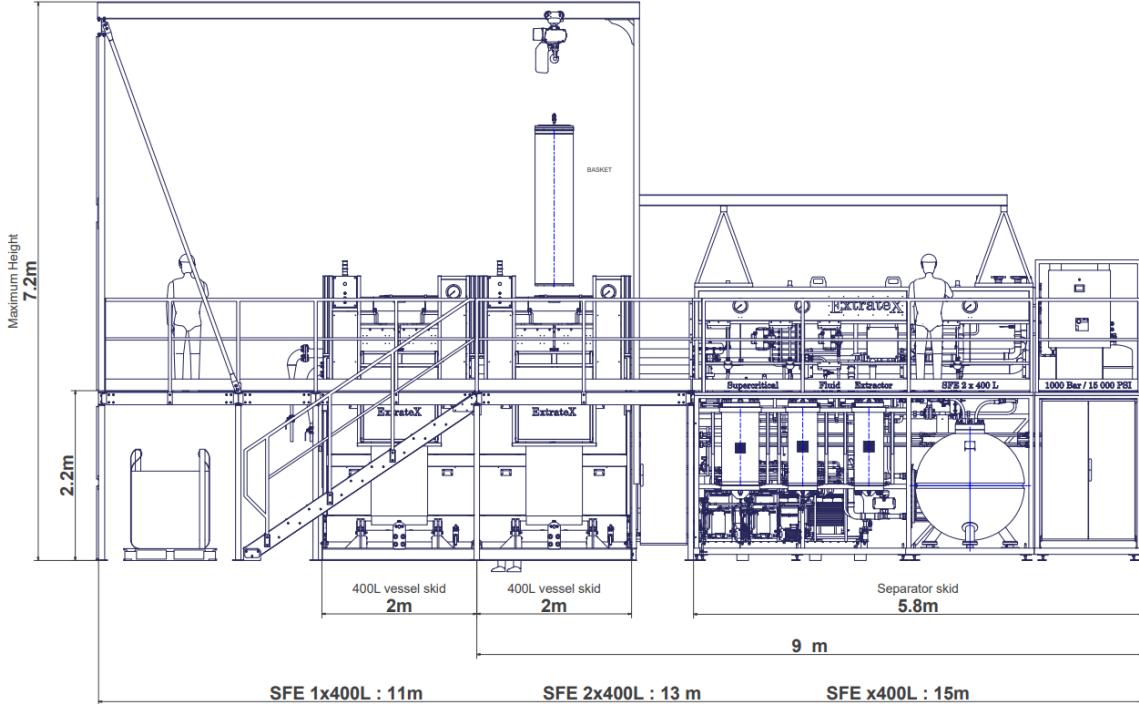
Quality & Standards

- ✓ 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



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Technical data

Dimensions : L 13 m x H 7 m x W 3 m

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



Contact us for your tailor made solution

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