**Extraction**
- Loading capacity: 2 x 25L net
- Extractor volume: 2 x 30,5L
- CO₂ flowrate: 125 kg/h
- Max pressure: 400 bar
- Max temperature: 100°C

**Separation**
- Capacity: 2 x 5L heated
  1 x 3L cold trap
- Max pressure: 200 bar
- Max temperature: 100°C

**Standard Range**

- We always talk about effective loading capacity, not about the volume of the extractor

**Co-solvent pump**
- Boost and increase your CO₂ extraction by injecting a 2nd solvent into the CO₂ stream while the extraction is running
- Allows an easy cleaning of the machine
- Included in the standard equipment

**Innovative CO₂ Piston Pump**
- Flowrate is automatically controlled with a frequency drive and an integrated flow controller
- Use of a coriolis flowmeter

**Plug & Play**
- Easy to install, start up and use
- User friendly system

**100% automated process**
- Fully automated extract collection, valves, vessel switching, data recording...
- Preset recipes
- Operator free: all you need to do is press the start button!

**PLC control**
- User friendly control panel, multiple connections for remote control
- No computer obsolescence

**Continuous production**
- No time loss: possibility to load another basket while extraction is going on

**Compact**
- Minimum footprint
- Easy access to all components

**Modular, Mix & Match System**
- Expandable capacities (possibility to add extractors) and flexible skids
- Xtramile optimisation [contact us for customised process optimisation]

**Service & Support**
- Reliable service and expert support
- Installation, commissioning, training, maintenance, scale up

**Premium Equipment**
- High standards
- Safe technology, secured parameters and data recording
**Technical data / installation requirements**

**Process fluid**  Liquid CO₂, deep pipe cylinder stored at room temperature 1/4” OD pipe

**Power**  Equipment: 3-phase / 400V / 50Hz / 32A  
Chiller: 3-phase / 400V / 16A circuit-breaker / 53A starting current / 63A electrical protection recommended  
Overhead crane: single-phase / 230V / 32A directly plugged into and powered by the equipment

**Vent line**  1/2” OD pipe

**Cooling source**  A water chiller, supplied by SFE Process must also be connected to the skid with two 3/4” tubes. The chiller can be placed next to the system, outside or in a adjacent ventilated room.

**Air pressure**  7,5 bar - oil free [not supplied]

**Dimensions**  Complete solution: L 2 056 x W 2 310 x H 2 295 mm  
Equipment: L 1 870 x W 1 160 x H 1 811 mm  |  Chiller: L 760 x W 760 x H 1 335 mm

**Weight**  Equipment: 1 850 kg  |  Chiller: 160 kg

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**State-of-the-art design and technology**

All our systems are CE marked for Europe according to the PED/2014/68/UE norm. Our systems can be adapted to international standards: ASME, CRN...

4 versions available: • Standard • GMP ready • full GMP • 21 CFR PART 11

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**Examples of performance achieved by our customers using a SFE Prod 2x25**

<table>
<thead>
<tr>
<th>With our SFE Prod 2x25</th>
<th>Cannabis extraction</th>
<th>Vanilla extraction</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bulk density 0,83</td>
<td>Bulk density 0,83</td>
</tr>
<tr>
<td>Feedstock processed per extraction</td>
<td>2 x 7,5 kg</td>
<td>2 x 1,75 kg</td>
</tr>
<tr>
<td>Duration of a full extraction</td>
<td>4 hours</td>
<td>1,5 hours</td>
</tr>
<tr>
<td>Feedstock processed over 24h</td>
<td>up to 90 kg</td>
<td>up to 40 kg</td>
</tr>
<tr>
<td>Feedstock processed over a year*</td>
<td>up to 21 600 kg</td>
<td>up to 9 600 kg</td>
</tr>
</tbody>
</table>

*Calculated on a 20h/day, 262 days/year operation basis

100% of your valuable compounds is extracted

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Please contact our experts for a custom-made solution!