



#### Cambridge Reactor Design

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## Salamander Reactor Technology

### Specifications

System temperature range  
 System pressure

### Standard

-80 C to 200 C\*  
 Up to 30 bar

### Customised

Up to 300 C  
 Up to 300 bar

### Reactor

Total volume  
 Materials  
 Seals

18 ml  
 316 Stainless Steel  
 Swagelok®

Hastelloy® C276

Configuration options

Variable volumes  
 - up to 3 x 6 ml coils  
 - multiple inline cartridges

Footprint. Diameter x length, mm  
 System weight, kg

75 x 500  
 3

### Options

Pressure control

Up to 2 bar  
 Up to 10 bar  
 Up to 30 bar

Horizontal stand and Swagelok® Connections  
 Depressurisation and temperature controlled cooling station  
 Electrical Heating  
 Fraction Collector  
 Salamander Computer Software

Up to 30 bar

### Ancillary equipment

Knauer smartline pump  
 Masterflex peristaltic pump  
 Julabo FP circulator

*\*performed using a heater/chiller*

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