

Chameleon Adaptable Reactor Technology

Specifications

Standard

Customised

System temperature

5 – 140 C

User Specification

System pressure

1.0, 5, 10, 30 bar

User Specification

Reactor

Total volume, ml

20

5, 10

Materials

316 Stainless Steel

Hastelloy® C276,

Seals

Kalrez® (FFKM)

Viton® (FKM), EPDM

Cap configuration

Port 1.

Relief valve (12 bar)

User Specification

Port 2.

Type K (1/16)

User Specification

Port 3.

Gauge connection (1/16)

Probe port (1/4)

Footprint, l x b x h, mm

650 x 250 x 500

Electrical

230V, 13A

User Specification

System weight

25 kg

Ancillary equipment

Link

Pumps e.g. Masterflex (peristaltic)

http://www.masterflex.com/Catalog/manual_pdfs/A-1299-0559.pdf

Circulators e.g. Julabo FP series

<http://www.julabo-gmbh.de/manual/english/19512446.pdf>

PC and temperature logging e.g. Pico

<http://www.picotech.com/document/datasheets/usb-tc08.pdf>