

Fraction collectors

Foxy® R1 & Foxy® R2

The Foxy® R1 and Foxy® R2 are automated fraction collectors for robust and reliable collection of fractions and can be used universally in research laboratories, for routine investigations, for analytical tasks, for semi-preparative separations and for bio compatible applications. The two-rack Foxy® R2 fraction collector uses radio frequency identification to automatically detect collection racks for easy setup.

A variety of software control options is available: KNAUER offers various options for drivers. Detailed information on page 71.



Key features:

- Collect uniform fractions by time or pumped volume.
- Collect peaks of interest separately using any combination of slope, level, and time.
- Stores up to 8 collection methods.
- Choice of available racks
- Cooling option available (special cooling rack, cooling option and thermostat necessary)
- Coldroom-storage possible
- Easy to use symbolic touch screen interface
- Fast tube changes
- Small delay volume between diverter valve and drop former

Specifications Fraction collector Foxy® R1/R2

Number of racks	Foxy® R1: 1 Foxy® R2: 2
RFID rack recognition	Foxy® R1: no Foxy® R2: yes
Capillary connection	1/16", 1/8" or 1/4"
Fractionation modes	drop counting, time intervals, volume intervals
Fractionation flow rate	Foxy® R1: max. 125 ml/min (1/16": up to 25 ml/min) Foxy® R2: max 1000 ml/min (1/8": up to 125 ml/min)
Diverter valve	drop former (NC): 110 µl waste (NO): 130 µl
Wetted materials	valve: PEEK and perfluoroelastomer (FFKM), supplied ferrules: ETFE, supplied valve tubing: PTFE, supplied drain tubing: vinyl
Fractionation control	operator: front panel control via touch screen LCD integrated systems: direct communication via Ethernet (TCP/IP) and RS-232 serial communications
Maximum test tube height	Foxy® R1: 160 mm, Foxy® R2: 196 mm, Foxy® R2 1/4": 180 mm
Cooling option	Special cooling racks, cooling option and thermostat necessary
Communication	
Control	LAN, RS-232
Technical parameters	
Conformity	CE, CSA
Display	touch screen LCD displays
Ambient conditions	0 - 40 °C, 32 - 104 °F
General	
Power supply	100 - 240 VAC, 50 - 60 Hz, max. 1 A
Dimensions	Foxy® R1: 31.1 x 35,5 x 33 mm (W x D x H) Foxy® R2: 31.1 x 37,8 x 53,3 mm (W x D x H) Foxy® R2 1/4": 31.1 x 39,4 x 53,3 mm (W x D x H)
Weight	Foxy® R1: 7.1 kg, Foxy® R2: 10.3 kg, Foxy® R2 1/4": 10.4 kg

Ordering details:

A59100	Fraction collector Foxy® R1, for 1/16" or 1/8" tubing
A59102	Fraction collector Foxy® R2, for 1/8" tubing
A591021	Fraction collector Foxy® R2, for 1/4" tubing