

## Fraction collector FOXY R1

Manufacturer: KNAUER

SKU#: 8206-10-0053

- one-rack fraction collector
- sturdy cast Aluminium Frame
- user-friendly Touchscreen Display
- built-in Ethernet and RS-232 communication capabilities
- faster tube changes
- $\mu$ l delay volume between diverter valve and drop former
- flow rates to 25 ml/minute



## Product Description

The Foxy® R1 is the improved successor of the well-known Foxy® Jr. and can be used for a variety of applications. The Foxy® R1 accommodates the same rack types as its predecessor, but provides faster operation, more control options (RS-232 and Ethernet) and features an integrated diverter valve as a standard. When connected to a detector, the Foxy® R1 offers slope detection, level sensing, and a combination of these methods. The applicable rack types range from 96-well microplates, to test tube racks, to funnel racks for virtually unlimited collection volumes. The Foxy® R1 is biocompatible and can be used in cold room environments.

## Fraction collector FOXY R1 Specification

Fraction collection	
Number of racks	1
Detection channels	2
RFID rack recognition	1
Capillary connection	1/16"
Fractionation modes	drop counting, time intervals, volume intervals
Fractionation flow rate	max. 25 ml/min
Fraction capacity	12 mm diameter tubes (144/rack), 13 mm diameter tubes (144/rack), 16 mm diameter tubes (100/rack), 18 mm diameter tubes (72/rack), 25 mm diameter tubes (36/rack), 1.5 ml microcentrifuge tubes (60/rack), 50 ml centrifuge tubes (36/rack), 28 mm diameter scintillation vials (36/rack), 96-well microplates (up to 6 plates total), MiniVials (72/rack), Funnel racks for fractions larger than 480 ml
Diverter valve	drop former (NC): 110 $\mu$ l waste (NO): 130 $\mu$ l
Delay volume	diverter valve located at drop former for $\mu$ l delay volume. compensation only required for length of tubing to the diverter valve.
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
Fractionation tubes	12 mm diameter, 13 mm diameter tubes, 16 mm diameter tubes, 18 mm diameter tubes, 25 mm diameter tubes, 1.5 ml microcentrifuge tubes, 50 ml centrifuge tubes, 28 mm diameter

	scintillation vials, 96-well microplates, MiniVials
Maximum test tube height	150 mm
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	00–240 VAC, 50–60 Hz, max. 1 A
Dimensions	311 x 330 x 355 mm (W x D x H)
Weight	7.1 kg

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