

The New Generation of Fraction Collectors

Foxy® R1 and Foxy® R2 Fraction Collectors

Ideal for Prep HPLC, Protein, and Peptide Purifications.

Teledyne Isco introduces its new high performance fraction collectors in one- and two-rack versions. These fraction collectors feature:

- Sturdy cast aluminum frame
- Easy to use symbolic touch screen interface
- Built-in Ethernet and RS-232 communication capabilities
- Faster tube changes
- μ L delay volume between diverter valve and drop former
- 25 mL/minute standard flow rate, options up to 1,000 mL/minute

The two-rack Foxy R2 fraction collector uses radio frequency identification to automatically detect collection racks for easy setup.

These cold room compatible fraction collectors can be adapted to a broad spectrum of applications. The units can distribute fractions into 96 well microplates, standard tube sizes, and bottles. For essentially unlimited volumes, funnel racks can direct fluids to any collection vessel or downstream process.

Multiple fraction collectors may be “daisy chained” together to increase your fraction capacity — an exclusive feature from Teledyne Isco.

SEPARATION SCIENCE

Low pressure LC instruments

Medium pressure LC instruments

Automated Organic Purification

LC Bioseparation Systems

Syringe Pumps



Foxy R1
One-rack Fraction Collector



Foxy R2
Two-rack Fraction Collector



TELEDYNE ISCO
A Teledyne Technologies Company

Collection Racks Fraction collectors may be chained together for greater capacity

The Foxy R1 accommodates one rack. The Foxy R2 accommodates two racks

- ◆ 12 mm diameter tubes (144/rack)
- ◆ 28 mm diameter scintillation vials (36/rack)
- ◆ 13 mm diameter tubes (144/rack)
- ◆ 96-well microplates, 2 plates/rack (a double-space rack for the Foxy R2 holds six plates)
- ◆ 16 mm diameter tubes (100/rack)
- ◆ MiniVials (72/rack)
- ◆ 18 mm diameter tubes (72/rack)
- ◆ 480 mL bottles
- ◆ 25 mm diameter tubes (36/rack)
- ◆ Funnel racks for fractions larger than 480 mL
- ◆ 1.5 ml microcentrifuge tubes (60/rack)
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- ◆ 50 ml centrifuge tubes (36/rack)
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Specifications Subject to change

Size (w, d, h): Foxy R1: 12.25, 13.0, 14.0 inches (31.1, 33.0, 35.5 cm)
 Foxy R2: 12.25, 21.0, 14.9 inches (31.1, 53.3, 37.8 cm)

Weight: Foxy R1: 16.95 lbs (7.7 kg)
 Foxy R2: 23.4 lbs (10.6 kg)
 (with drip tray, no rack)

Maximum flow rate: 25 mL/min standard, optional 150 mL/min kit, (Foxy R2 only) optional 1,000 mL/min valve

Delay volume: Diverter valve located at drop former. Delay volume compensation only required for length of tubing to the diverter valve.

Peak detection: Slope and/or level sense, with or without time window

Tube changes: At detected peaks, plus drop counts, time, or external pump counts.

System control: *Operator:* front-panel control via touch-screen LCD
Integrated systems: direct communication with fraction collector via Ethernet (TCP/IP) and RS-232 serial communications.

Inputs: Pump counter¹, external peak¹, inject¹, tube advance¹, analog peak voltage².

Outputs: Pump pause³, tube change³.

Operating voltage: 100/117 VAC 50/60 Hz, 234 VAC 50/60 Hz

Notes:

1. High on +3.3 to 5 V or contact closure, active low, 30 ms min, 5 VDC max.
2. 0 to 1.0 V nominal, -1.2 to +1.2 V usable, -5 to +5 V max.
3. Outputs are open collector active low, 30 ms min, 5 VDC max.



Ordering Information Contact your representative for accessories & options

- Foxy R1 Fraction Collector** 68-3870-010
 Includes fraction collector, diverter valve, and one 13 mm tube rack.
- Foxy R2 Fraction Collector with RFID Rack Sensing** 68-2130-006
 Includes fraction collector, diverter valve, and two 13 mm tube racks.

