

# PN8030

## Fraction Collector for FFF



Picture shows PN8030 fraction collector with additional cooling option.

[www.postnova.com](http://www.postnova.com)

# Specifications

**Drive System:**  
Arm movement (X-Y) system

**No. of collection vessels:**  
16 - 144, depending on rack type (variable through parameter setting)

**Collection method:**  
Solenoid valve (incl.) or direct through nozzle (W/out solenoid valve)

**Maximum flow rate:**  
150 mL/min (water)

**Collection operation:**  
Programmed operation via S-DAT-9010-002 System Controller, or manually

**Fraction modes:**  
Basic mode (using initial parameters), and Time Program mode (14 different functions available)

**No. of collection files:**  
Up to 10 in memory (Total No. of program steps: 100)

**Output of setting parameters, results:**  
Printout via Chromatopac

**Cooling of fractions:**  
Possible with Sample Cooler L (Optional)

**Collection based on 2-channel generated ratio chromatogram:**  
PN3211/PN3212 dual-wavelength signal, or signals from 2 detectors

**Linking with external devices:**  
With S-DAT-9010-002 System Controller

**Detector signal input:**  
0-1 V

**Ambient temperature range:**  
4-70°C

**Dimensions, weight:**  
260 x 420 x 280 cm  
15 kg

**Power Requirements:**  
100 V, 100 VA, 50/60 Hz  
120 V, 100 VA, 50/60 Hz  
220V, 100 VA, 50/60 Hz  
220 - 240 V, 100 VA, 50/60 Hz



**Postnova Analytics GmbH**  
Max-Planck-Str. 14  
86899 Landsberg am Lech/Germany  
Tel. : +49.8191.428-181  
Fax : +49.8191.428-175

**Postnova Analytics Inc.**  
230 South, 500 East, Suite # 120  
84102 Salt Lake City, UT/USA  
Tel. : +1.801.521-2004  
Fax : +1.801.521-2884

email : [info@postnova.com](mailto:info@postnova.com)  
web : [www.postnova.com](http://www.postnova.com)

# PN8030 Fraction Collector for FFF

The Postnova PN8030 fraction collector meets the demands for continuous, automated fraction collection. Pair the PN8030 with the S-DAT-9010-002 System Controller for unparalleled performance for a wide range of fraction collection applications.

## Small/large volume collect capacity

The PN8030 collects both analytical and preparative fractions. The standard configuration has a 144 x 5 mL vial capacity. The large volume kit can be added for large volume collection.



## Precise Peltier temperature control

For automated collection of thermally labile fractions, Peltier temperature control keeps temperatures stable within a 4-70°C range

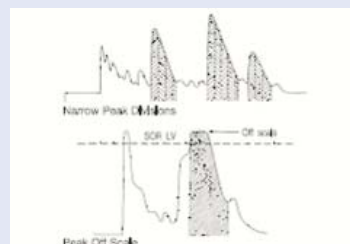
## Simplified graphical parameter entry

Set up fractionation parameters graphically from the S-DAT-9010-002 System Controller. Eliminate the guesswork of determining slope and level values.



## Fraction collection flexibility

Tailor the collection to your application requirements. Choose from collection criteria such as volume, threshold, and peak purity. A precise peak division feature ensures high purity fractions. The PN8030 automatically adjusts for retention time shifts, so that only the peak of interest is collected. Our slope-override capability enables continued collection, even when the detector signal is off-scale.



## Options

Vials and test tubes are optional parts. Please select suitable vials and tubes for each racks. For normal fraction collecting, please use the fraction head with valve. The fraction head is for very small fraction collecting.

	Collector heads	Racks	Collection containers
Large fractions	Fraction collector head with valve (Cat. No. 228-24106-01)	Large volume kit (includes shown items) (64 fractions) (Cat. No. 228-25344-1) Rack No. 2B Chassis Collection tube (6 pcs.) Mounting frame tray	Commercial reagent bottles may be used (500-4000mL) 
		Rack No. 3 (16 fractions) (Cat. No. 228-25313-01) 	Vial (glass) 50mL (Cat. No. 228-25319-01) Vial (polypropylene, PP) 50mL (Cat. No. 228-25321-01) - 80 pcs.      - 20 pcs.
Normal fractions	Fraction collector head with valve (Cat. No. 228-24106-01)	Rack No. 2A (64 fractions) (Cat. No. 228-25311-01) 	Test Tube (glass) 20mL (Cat. No. 228-25315-01) Test Tube (glass) 12mL (Cat. No. 228-25317-01) Test Tube (PP) 20mL (Cat. No. 228-25319-01) - 400 pcs.      - 400 pcs.      - 400 pcs.
		Rack No. 2B (64 fractions) (Cat. No. 228-25313-01) 	Test Tube (glass) 20mL (Cat. No. 228-25315-01) Test Tube (glass) 12mL (Cat. No. 228-25317-01) Test Tube (PP) 20mL (Cat. No. 228-25319-01) - 400 pcs.      - 400 pcs.      - 400 pcs.
Very small fractions	Fraction collector head (Cat. No. 228-25168-01)	Sample cooler L (50 fractions) (Cat. No. 228-25730-03) 	Vial (glass) 4mL (Cat. No. 228-2107-01) Vial (PP) 5mL (Cat. No. 228-25313-01) - 400 pcs.      - 400 pcs.
		Rack No. 1 (144 fractions) (Cat. No. 228-25310-01) 	Test Tube (glass) 3.5mL (Cat. No. 228-25214-1) Test Tube (PP) 4.5mL (Cat. No. 228-25214-2) - 250 pcs.      - 250 pcs.
		Rack No. 5 (120 fractions) (Cat. No. 228-25314-01) 	Test Tube (glass) 3.5mL (Cat. No. 228-25214-1) Test Tube (PP) 4.5mL (Cat. No. 228-25214-2) - 250 pcs.      - 250 pcs.