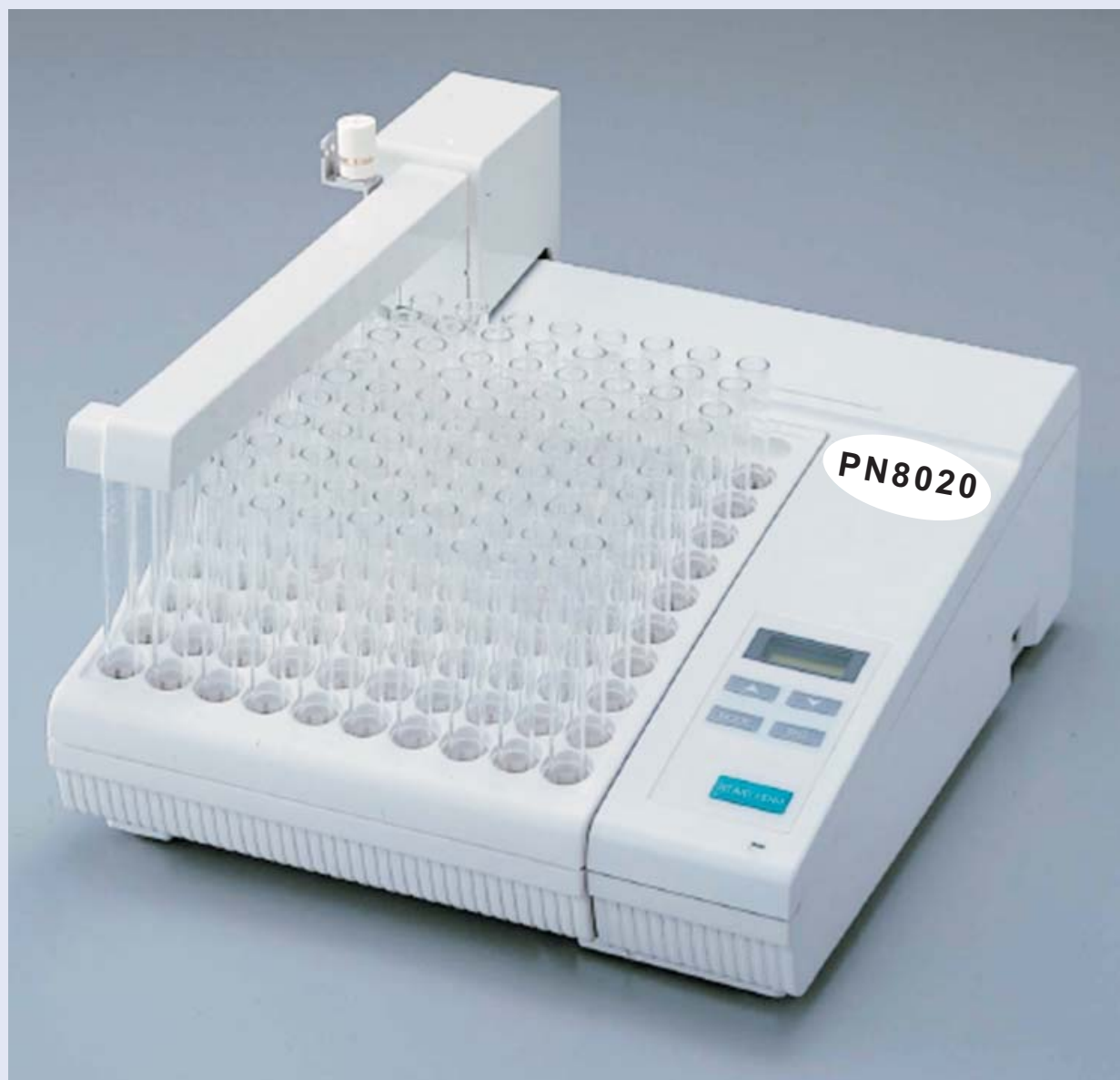


PN8020 Fraction Collector



Technical specifications are subject to change without further notice.

Specifications

Test Tube:

100 tubes (12-15 mm, 90-120 mm Height)

Mode:

Simple, Window, Manual

Nozzle shift time:

Typically 0.1 sec (center to center)

Wait time setting:

99 min 59 sec max.

Simple mode:

Time 99 min 59 sec/tube max.

Drop 999 drop/tube max.

Signal 999 count/tube max.

Volume 99.9 mL/tube max.

Window mode:

Fraction windows 8 windows max.

Window (End) 99 min 59 sec max.

Fraction capacity 99 min 59 sec max.

Peak parameter

Peak level 100 % max.

Peak slope 10.00 mV/min max

Nozzle delay time 9 min 59 sec max.

Manual mode:

Nozzle delay time 9 min 59 sec max.

Event Marker output:

Marker ON/OFF (one fraction)

Chromatograph signal input:

DC 10.0 mV (full scale)

Ext. Start input:

ON start

Ext. Count (signal) input:

ON count

Clock:

Crystal oscillator

Display:

LCD (8 characters x 2 rows)

Operation parameter memory:

EPROM

Operating temperature:

2 - 40°C (36 - 104°F)

Weight:

ca. 3 kg

Outer Dimensions:

Width/Height/Length: 268 x 310 x 170 mm

Power Supply:

230/115 V; 50/60 Hz

0.27 A (100 V), 0.25 A (115 V) and 0.15 A

(240 V)



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PN8020 Fraction Collector

Features

User Friendly Operation

An improved Fraction Collector with many superior features.

The easy to use operation keypad has only 5 keys and a LCD (8 characters x 2 rows).

Supported by software that makes programming easy and simple. The PN8020 has sufficient programming modes for operating with your HPLC system. Even complicated fraction modes such as Multi-Sample Timed Windows combined with Peak collection mode can be programmed using only 4 keys.

Exposed Fraction Nozzle Tip

By utilizing a new drop detection sensor, the fraction nozzle tip is exposed allowing easier maintenance and confirmation of relative positions of nozzle and extraction tubes.

Flexible Test Tube Rack with Built-In Drain

Since both the sample collection area (test tubes) and the drain are built into one test tube rack, sample liquid will never spill outside of the rack. Discard sample can be stored inside of the rack (Drain reservoir) or connected to a drain tube for drainage to the external drain vessel. The self adjusting tapered test tube rack can accommodate several sizes of test tube from 12 mm to 15 mm (120 mm height Max.). You will never need multiple racks. This sloped test tube rack facilitates easier checking of the test tube alignment.

Easier Removal of Rack and Tubes

With press and hold of the [ENT] key, the fraction arm moves (escapes) to the far right position for easier removal of racks and tubes.

Options:

S-FRA-8020-002

3-Way Valve unit for PN8020 for diverting flows and to switch between waste flow and sample flow.

S-FRA-8020-003

S-FRA-8020-004

Eppendorf tube Rack
Microtiter / Well-Plate rack for PN8020 fraction collector. Needs additional Part No.: S-FRA-8020-005 Extension Nozzle for Microtiter Plate Rack.

S-FRA-8020-005

Extension Nozzle for Microtiter Plate Rack for PN8020. This item needs to be ordered to complete Part-No.: S-FRA-8020-004.

S-FRA-8020-006

Dust Cover

