ADVANTEC / MFS, Inc.

FRACTION COLLECTOR

SF-2100W

SF-2100W, Compact Fraction Collector
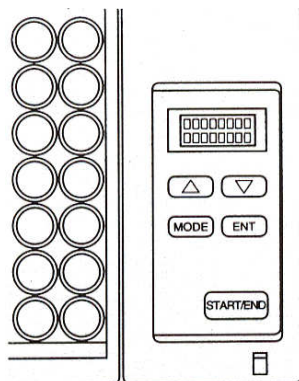
FEATURES

User friendly operation

An improved Fraction Collector with many superior features.

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

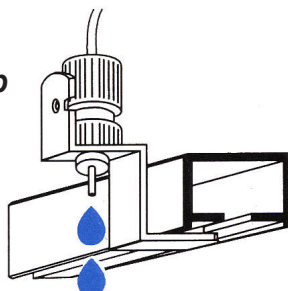Supported by software that makes programming easy and simple.

The SF-2100W has sufficient programming modes for operating with your HPLC system.

Even complicated fraction modes such as Multi-Sample Times 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.
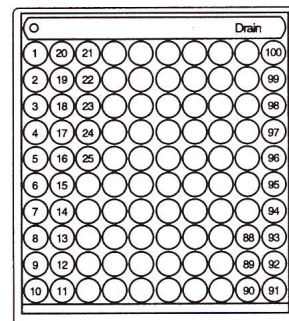
Flexible test tube rack with built-in drain

Since both the sample collection area (test tubes) and the drain are built into one test lube rack, sample liquid will never spill outside of

Discard sample can be stores 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 12mm to 15mm(120mm 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.

SPECIFICATIONS

Fraction

Test Tube	100 tubes (φ12-15mm, 90-120 mmH)
Mode	Simple, Window, Manual
Nozzle shift time	Typically 0.1 sec (center to center)
Wait time setting	99 min 59 sec Max.

Mode, Paramter

Simple mode	Time	99 min 59sec/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 59sec 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.

I/O Signals

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

Electrical & General Specifications

Clock	Crystal oscillator
Display	LCD (8 characters x 2 rows)
Operation parameter memory	EEPROM
Operating temperature	2-40 ℃ (36-104 °F)
Power suply	AC 100-240V, 50/60Hz
Input current	0.27A (100V), 0.25A (115V) and 0.15A (240A)
Dimensions [WxDxH]	268 x 310 x 170 mm (10.6" x 12.2" x6.7")
Weight	Approx. 2.9 Kg (6.4lbs.)
Optional Accessories	3-Way Valve [2100-SV3]
	Eppendorf tube Rack [2100-EA]
	Microtiter plate Rack [2100-MP]
	Extension Nozzle for 2100-MP[2100-EN]
	Dust Cover [2100-DC]

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