

Programmed-Temperature Split/Splitless Injector System

PSS Injector Add-On Kits with Manual Pneumatics

The programmed-temperature split/splitless (PSS) inlet allows accurate sample delivery to a capillary column. The PSS allows the analysis of thermally labile compounds, while eliminating the discrimination of high-boiling compounds. One of the major advantages of the PSS is that any nonvolatile material will remain in the inlet liner and not on the front of the column.

PSS with pneumatics and pressure readout on screen. Kit includes all necessary hardware to install injector into GC.

Voltage	Part No.
120 V* AutoSystem	N6120074
240 V* AutoSystem	N6120075
120 V* Clarus	N6520014
230 V* Clarus	N6520015

PSS Injector with PPC

Kit includes injector with programmable pneumatic control, heater, sensor, and heater block. The GC must be PPC™ ready. If not, a PPC upgrade kit (**N6120146**) is required.

Voltage	Part No.
120 V*	N6120140
240 V*	N6120141

PSS Injector Starter Kit

Includes: universal connectors (5), 0.53 mm ID deactivated fused-silica (5 m), 2 mm ID quartz liner, 1 mm ID quartz liner, glass hourglass liner, 1/16 in. stainless steel nuts (5), 0.5 mm ID graphite ferrules (10), 0.8 mm ID graphite ferrules (10), Viton® O-Rings (6), graphite O-Rings (5), untreated quartz wool, wafer scribes (10), and green septa (50).

Voltage	Part No.
PSS Injector Starter Kit	N6120102

Zero Dilution Liners

Used together as set.

Voltage	Part No.
Inner Liner	N1011446
Outer Liner	N1011447

* Service installation suggested

PSS Replacement Parts

Description	Part No.
1 Septum Cap	N6100153
2 Injector Cover	N6101482
3 PerkinElmer Green Injection Septum (pkg. 50)	N6621028
4 Trap, Charcoal – non PPC version	N6100275
PPC version (not shown)	
5 Nut	N6101705
6 Septum Purge	N6100260
O-Ring Viton (pkg. 10) max temp 250 °C, recommended for use with mass spec. Shipped with instrument	N6101747
7 O-Ring KALREZ® (pkg. 1) max temp. 450 °C	09921004
O-Ring Graphite (pkg. 5) max temp. 450 °C	N6101751
Quartz Liner, 2 mm Split Mode Shipped with instrument.	N6121004
8 Quartz Liner, 1 mm Splitless Mode	N6121006
On-column liner	N6101539
9 Body Assembly	N6100261
10 Ferrule 1/8 in. x 1/16 in. (pkg. 10)	09920301
11 Nut 1/8 in.	09903128
12 Split Vent Line	N6100159
13 Purge Restrictor	N6101034
14 Nut	09903392

