

# 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	<b>N6120074</b>
240 V* AutoSystem	<b>N6120075</b>
120 V* Clarus	<b>N6520014</b>
230 V* Clarus	<b>N6520015</b>

## 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*	<b>N6120140</b>
240 V*	<b>N6120141</b>

## 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	<b>N6120102</b>

## Zero Dilution Liners

Used together as set.

Voltage	Part No.
Inner Liner	<b>N1011446</b>
Outer Liner	<b>N1011447</b>

\* Service installation suggested

# PSS Replacement Parts

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

