

## Product Information

### Septum Insertion Tool



P000258

To minimize instrument downtime and sample loss, it is recommended that GC septa be changed routinely rather than after leaks develop.

Quality GC septa are packaged in clean glass or metal containers designed to maintain a contamination free product. Instructions included with these septa warn users to avoid touching septa with their fingers to prevent contamination with body oils.

Following these recommendations is not always easy and fingers often play a role in septa insertion.

A common approach includes using a pair of tweezers to set the septa along with a small blunt instrument, or finger, to force it into the septa well or nut. This approach is awkward and easily can lead to septa contamination and in many cases BURNED FINGERS.

The Supelco Septum Insertion Tool is used to pick up and insert septa in virtually any 9.5mm – 11mm GC injection port. This tool permits users to work with a septum without touching it or the injection port with fingers, eliminating burns and potential contamination from body oils.

#### Features

##### Touch-Free Septum Handling

The Septum Insertion Tool insulates the user from both the septum and the hot injector port. This minimizes chances of contaminating the septum or burning fingers while inserting septum.

##### Easy to use

Using the tool is a four-step process that requires no special training. Open, Grasp, Insert and Release.

##### Stores Easily

The Septum Insertion Tool is about the size of a pen and includes a pocket clip just like a pen. It easily drops into a shirt or lab coat pocket.

#### Material

The body is manufactured from aluminum and the internal parts are stainless steel. All parts are precision machined and specially cleaned to be free from cutting oils, metal filings and/or other contamination common to precision metal fabrication.

#### Specifications

##### Approximate Dimensions

**Length:** 4 7/8" (4.875")

**Diameter:** 7/16" (0.437")

## Five Steps in the Use of the Septum Insertion Tool

1. Turn the closure nut until the compression fingers are fully extended and spread apart (Figure A).

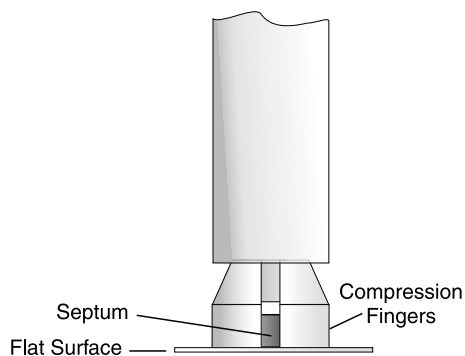
**Figure A**



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2. Place the septum on a clean flat surface. Position the compression fingers over the septum, allowing them to contact the surface that the septum is resting on (Figure B).

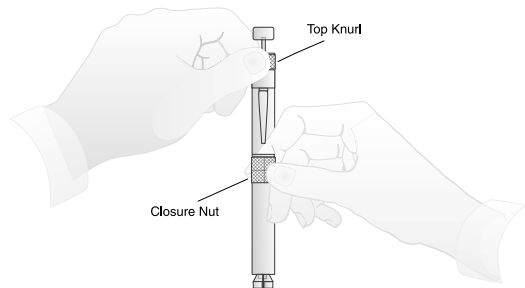
**Figure B**



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3. Hold the insertion tool with your left thumb and forefinger at the top knurl. Using your right thumb and forefinger, rotate the closure nut with a clockwise rotation until the compression fingers are retracted and the septum is compressed (Figure C).

**Figure C**



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4. Insert the compression fingers with the compressed septum into the septum well in the GC injection port.
5. Depress the ejector cap with your thumb, to cause the compression fingers to withdraw from the septum well and leave the septum in place (Figure D).

**Figure D**



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## Ordering Information:

Description	Cat. No.
Septum Insertion Tool, Pk. of 1	21385-U

The Supelco Septum Insertion Tool is a patented and exclusive Supelco product. Patent # 5,890,271

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