

# Inlet Liner Packing Tool

cat.# 20339

## Overview

The inlet liner packing tool (Figure 1) is designed to accurately pack wool to the same measured depth inside liners to promote reproducibility from liner to liner. The tool also makes installation of the wool easy and hassle-free. It is designed to be used with liner IDs greater than 2 mm.

## Instructions

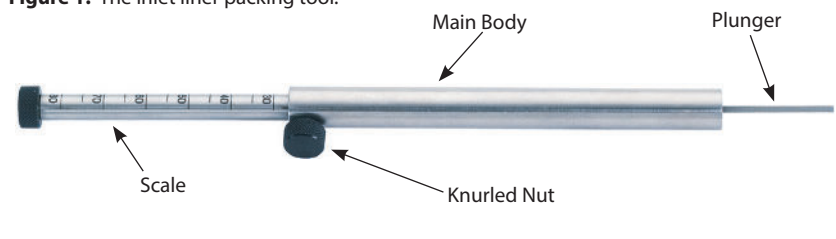
1. Set the insertion depth on the inlet liner packing tool by loosening the knurled nut and sliding the scale/plunger until the proper distance is set for your application and instrument (Table I). After insertion distance is set, finger-tighten the knurled nut. Do NOT overtighten (Figure 2).
2. Place a plug of loosely bound wool at the top of the inlet liner (Figure 3).
3. Insert the tool into the liner until the tool bottoms out. Remove the tool. The wool is now positioned correctly in the liner, and the liner is ready for use (Figure 4).

**Table I:** Typical Packing Depths for Various Instruments\*

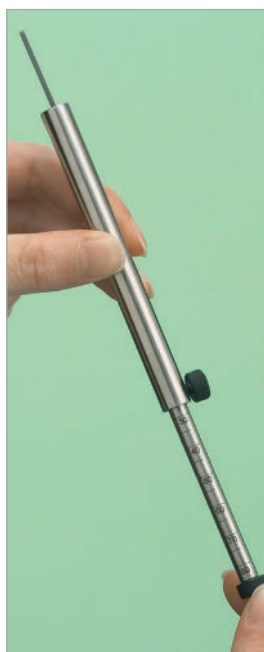
| Instrument                            | Packing Depth<br>(from top/<br>septa-facing end) |
|---------------------------------------|--|
| <b>Agilent</b>                        |  |
| 5880A, 5890, 6850, 6890, 7890         | 27 mm  |
| <b>Bruker/Varian (Injector Type)</b>  |  |
| 1177                                  | 37 mm  |
| 1078/1079                             | 20 mm  |
| 1075/1077                             | 34 mm  |
| <b>Finnigan (TMQ)</b>                 |  |
| GC 9001, QCQ, GCQ                     | 27 mm  |
| <b>Gow-Mac</b>                        |  |
| 6890 Series                           | 27 mm  |
| <b>PerkinElmer</b>                    |  |
| Auto SYS                              | 20 mm  |
| Auto SYS XL                           | 50 mm  |
| Sigma Series                          | 10 mm  |
| <b>Shimadzu</b>                       |  |
| 14A                                   | 35 mm  |
| 17A                                   | 30 mm  |
| 2010, 2014                            | 25 mm  |
| <b>SRI</b>                            |  |
| All Models                            | 27 mm  |
| <b>Thermo Scientific</b>              |  |
| TRACE 1300 Series                     | 27 mm  |
| TRACE Ultra GC, FOCUS GC, 8000 Series | 55 mm  |

\* Check the operating manual for packing depths for your particular instrument. The depth listed here will position the wool just below the needle during injection.

**Figure 1:** The inlet liner packing tool.



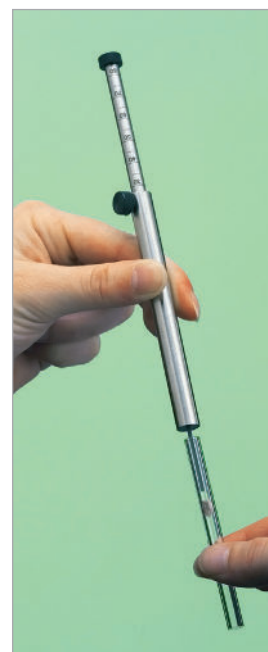
**Figure 2:**



**Figure 3:**



**Figure 4:**



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#200-00-005 Rev. date: 12/13

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