PAL RTC Liquid Injection Tools

The new PAL RTC can be equipped with the tool(s) you need at any time. In liquid injection, one tool can be used for several different syringe volumes. For optimum on column injection in GC, additional tools for syringes with long needles are available.

### Liquid Injection Tools / Standard Needle length (57mm)

<table>
<thead>
<tr>
<th>Tool Type</th>
<th>D7/57</th>
<th>D8/57</th>
<th>D18/57</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technique</td>
<td>GC Liquid LC Sample Prep</td>
<td>GC Liquid LC Sample Prep</td>
<td>GC Liquid LC Sample Prep</td>
</tr>
<tr>
<td>Syringe compatibility</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.2 µl</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>5 µl</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>10 µl</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>25 µl</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>100 µl</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>250 µl</td>
<td></td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>500 µl</td>
<td></td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>1000 µl</td>
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<td>Yes</td>
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<td>10000 µl</td>
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### Liquid Injection Tools / Extended Needle Length (85mm)

<table>
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<tbody>
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<td>Syringe compatibility</td>
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<td>1.2 µl</td>
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<td>5 µl</td>
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<tr>
<td>10 µl</td>
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<td>25 µl</td>
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<td>100 µl</td>
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<td>500 µl</td>
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<tr>
<td>1000 µl</td>
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### Headspace Injection Tools / HS Needle Length (65mm)

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<th>HS5000</th>
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<tr>
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<tr>
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<td>Yes</td>
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