Kit for Customized Container

Technical Note

Delivery Checklist

<table>
<thead>
<tr>
<th>#</th>
<th>p/n</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>G9321-40092</td>
<td>Standard Container Base</td>
</tr>
<tr>
<td>1</td>
<td>5188-8048</td>
<td>Transponder card</td>
</tr>
<tr>
<td>2</td>
<td>G9321-40009</td>
<td>Blind</td>
</tr>
<tr>
<td>1</td>
<td>G9321-87001</td>
<td>Label for serial number</td>
</tr>
<tr>
<td>4</td>
<td>0515-5280</td>
<td>Screw for Machine Pan (M5 x 0.8 mm with 8 mm thread length)</td>
</tr>
<tr>
<td>1</td>
<td>G9321-90111</td>
<td>Technical Note for Customized Container</td>
</tr>
<tr>
<td>1</td>
<td>G9321-87111</td>
<td>Label for Customized Container</td>
</tr>
<tr>
<td>3</td>
<td>G9321-48100</td>
<td>Reference Reflector</td>
</tr>
</tbody>
</table>
Manufacturing Instructions for the Interface Block

**CAUTION**
Vertical clearance of interface block too low
Damage to needle or vial, as needle can't enter the vials correctly.

⇒ Take care that the vial tray fits properly to the interface block.
⇒ Take care that the level of the vial tray is adjusted horizontally.

**CAUTION**
Magnetic or metallic material
The system cannot identify the container.

⇒ Use non-magnetic and non metallic material only, as for example Polyoxymethylen (POM), Polypropylene (PP) or Polyamid (PA).

**NOTE**
The transponder card is preassembled and holds basic programming information (for example the assembly number and serial number of the kit).
To manufacture the interface block, respect the following parameters.

**NOTE**

For correct orientation of base plate, reference reflectors and labels the tips of the V-patterns must guide towards the front.

**NOTE**

All dimensions shown in the figures below are in millimeters.

**NOTE**

Vertical dimensions including base plate after machining and assembling the interface block. The base plate itself has a height of 6 mm.

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**Figure 1**  Top view: Essential parameters for positioning of reference reflectors.
Figure 2  Side view: Obligatory heights for reference reflectors and vials.

Figure 3  Bottom view: Obligatory orientation of the bottom plate relative to the interface block.
2 Fix labels to the customized container.

**Figure 4** Example: Customized container (interface block, vial tray and tubes are not part of the kit)
Programming hints

Software required

Agilent Lab Advisor

NOTE
The individual parameters depend on the individual vial tray and vials. This example procedure shows, which parameters are crucial.

NOTE
For details on the necessary configuration steps, see Agilent Lab Advisor Help.

1 In Agilent Lab Advisor Tasks > Apps use the Fraction Collector Custom Container Editor to enter the vial positions and depth.

NOTE
The reflector positions are the reference to specify the vial positions.
4x6 vial tray as example for programming vial position and depth

Example for the arrangement of vials in a 4x6 vial tray.

**NOTE**

Reference points are the reflectors and therefore independent from the vial tray and vials.

Vial positions differ, depending on the type of vial tray.

**Figure 5** Crucial parameters for programming vial positions (example shows a 4x6 vial tray arrangement)
**Figure 6** Crucial parameters for programming the depth of a vial (example shows a depth of 88.5 mm)

2. Save the definition of the container to a file.
3. Under **Tasks > Instrument Control** select the file and click **Send**.
   This sends the data to the module.

The customize container is configured and ready for use.