Instructions for use
Capillary holder 4 slim shape
English (EN)

This document is a supplement to the Microinjektor operating manual and does not replace it. Therefore, also read the operating manual. The current version is available on the Internet at www.eppendorf.com/manuals.

1 Main illustration of capillary holder 4 slim shape

Fig. 1: Capillary holder 4, slim shape

1 Capillary
2 Grip head 4 slim shape
3 O-ring in the grip head
4 Distance sleeve in the grip head
5 O-ring in the grip head
6 Capillary holder
7 Port for injection tube
8 Cleaning stylet
2 Application with capillaries

2.1 Inserting the o-rings and the distance sleeve

Prerequisites

- O-rings matching the grip head size are available.

1. Place the new o-rings and the distance sleeve on a flat surface.
2. Press the grip head vertically onto the first o-ring and push the o-ring into the grip head using the capillary holder.
3. Press the grip head vertically onto the distance sleeve and push the distance sleeve into the grip head using the capillary holder.
4. Press the grip head vertically onto the second o-ring and push the o-ring into the grip head using the capillary holder.

2.2 Inserting the capillary

Only capillaries with an outer diameter of 1.0 mm to 1.1 mm fit into the grip head 4, slim shape.

Prerequisites

- The grip head is inserted loosely in the capillary holder.

1. Push the capillary through the o-ring in the grip head until the capillary stop.
2. Tighten the grip head.
2.3 Replacing the o-ring in the grip head

Fig. 2: Grip head with removal tool

1 Distance sleeve
2 O-rings
   Inner diameter 1.0 mm
3 Grip head 4 slim shape
4 Removal tool
   Hook with protective sleeve

Prerequisites
- The grip head has been unscrewed from the capillary holder.
- The capillary has been removed from the grip head.

The hook of the removal tool is used to pull out the o-rings and the distance sleeve.

1. Pull out the first o-ring.
2. Pull out the distance sleeve.
3. Pull out the second o-ring.
4. Insert new o-rings.

2.4 Assignment grip head – o-ring

<table>
<thead>
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<th>Grip head size</th>
<th>For capillary diameter</th>
<th>O-ring inner diameter</th>
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<tbody>
<tr>
<td>slim shape</td>
<td>1.0 mm</td>
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### 3 Ordering information

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<th>Order no. (International)</th>
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<td>5196 062.000</td>
<td>5196062000</td>
<td><strong>Capillary holder 4, slim shape</strong> incl. grip head set 4, for capillaries with outer diameter 1.0 mm</td>
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<td>5196 063.007</td>
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<td><strong>Grip head set 4, slim shape</strong> for Capillary holder 4 (slim shape), incl. 6 o-rings and 2 distance sleeves, for capillaries with outer diameter 1.0 mm</td>
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