

## Instructions for Use

### Charger Carousel 2 - Charger Stand 2

English (EN)

## 1 Product description

### 1.1 Product overview

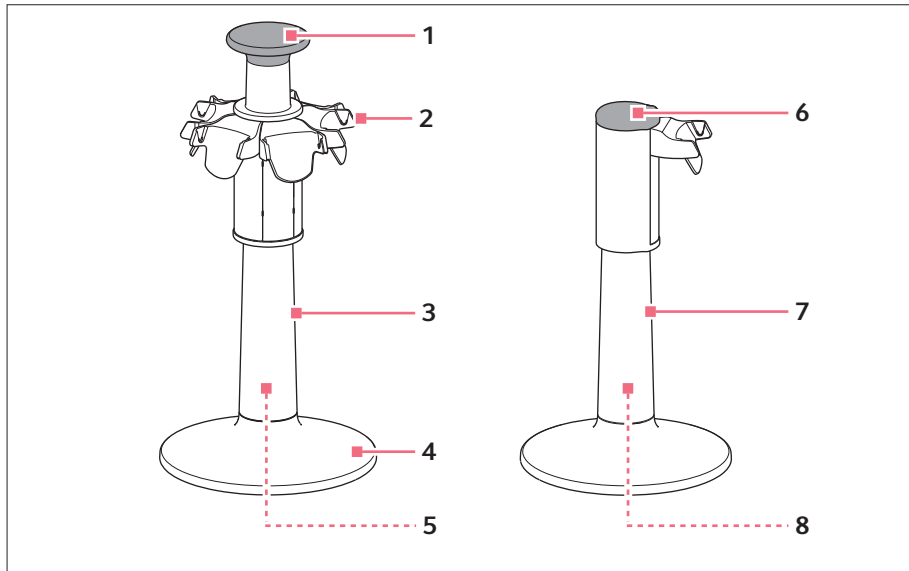


Fig. 1: Charger carousel 2 and charging stand 2

- |                                       |                                              |
|---------------------------------------|----------------------------------------------|
| <b>1 Handle</b><br>With bayonet catch | <b>5 Magnetic coupling for charging plug</b> |
| <b>2 Charger shell</b>                | <b>6 Lid</b>                                 |
| <b>3 Charger carousel</b>             | <b>7 Charging stand</b>                      |
| <b>4 Base</b>                         | <b>8 Connector socket for charging plug</b>  |

**Instructions for Use**  
**2** Charger Carousel 2 - Charger Stand 2  
English (EN)

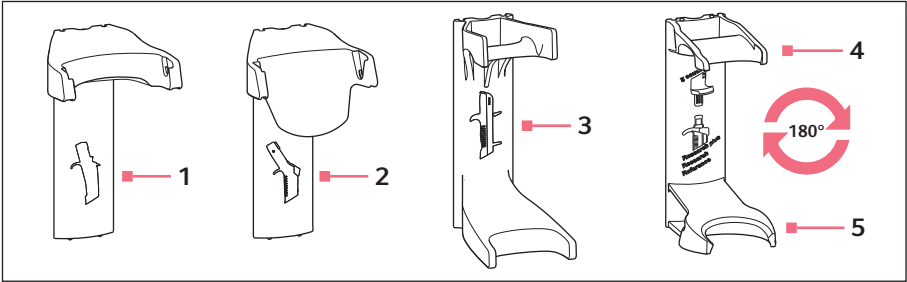


Fig. 2: Charger shells 2 and holders 2 for electronic and mechanical dispensing devices

- |                                                                                                 |                                                           |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| <b>1 Charger shell</b><br>For Multipette/Repeater E3/E3x,<br>Multipette/Repeater stream/Xstream | <b>4 Holder</b><br>For Research plus, Reference, Research |
| <b>2 Charger shell</b><br>For Xplorer, Xplorer plus                                             | <b>5 Holder</b><br>For Reference 2                        |
| <b>3 Holder</b><br>For Multipette/Repeater M4                                                   |                                                           |

**1.2 Delivery package – charger carousel**

| Quantity | Description                                           |
|----------|-------------------------------------------------------|
| 1        | Charger carousel                                      |
| 1        | Mains/power supply device with magnetic charging plug |
| 1        | Instructions for use                                  |

**1.3 Delivery package – charging stand**

| Quantity | Description          |
|----------|----------------------|
| 1        | Charging stand       |
| 1        | Instructions for use |

**1.4 Features**

Dispensing devices must not be inserted into the charger carousel or charger stand with a dispensing tip.

### 1.4.1 Charger carousel

The charger carousel can accommodate 6 mechanical Eppendorf dispensing devices (single-channel pipettes, multi-channel pipettes, or dispensers). 4 dispensing devices can be charged at the same time. With 6 dispensing devices, the charging process is carried out alternately. The charging process is indicated on the display of the respective dispensing device. The charger shells can also be replaced with holders for mechanical dispensing devices. The charger carousel can be rotated, moved, and transported safely with the handle.

### 1.4.2 Charging stand

The charger stand can accommodate and charge an electronic Eppendorf dispensing device (single-channel pipette, multi-channel pipette, or dispenser). The charging process is indicated on the display of the respective dispensing device. The charger shell can also be replaced with a holder for a mechanical dispensing device.

### 1.4.3 Dispensing devices

Suitable electronic dispensing devices:

- Multipette/Repeater E3, Multipette/Repeater E3x
- Multipette/Repeater stream, Multipette/Repeater Xstream
- Eppendorf Xplorer, Eppendorf Xplorer plus

## 2 Safety

### 2.1 Warnings for unintended use



**CAUTION! Incorrect or damaged mains/power supply devices may lead to personal injuries and damage to the device.**

Incorrect or damaged mains/power supply devices may cause electric shock, overheat the device, set it to fire, melt it, short-circuit it, or cause similar damage.

- ▶ Only the supplied mains/power supply device may be used to charge the device. You can identify the correct mains/power supply device by the Eppendorf logo and the device name on the mains/power supply device.
- ▶ Do not use damaged mains/power supply devices.



**CAUTION! Danger due to improper handling**

Leaking liquids may cause contamination and material damage.

- ▶ Eject the dispensing tips before mounting.

## 4 Instructions for Use

### Charger Carousel 2 - Charger Stand 2

English (EN)



#### **NOTICE! Material damage due the carousel falling over**

The carousel or the dispensing devices could be damaged.

- Place the carousel on a stable, even, and horizontal surface.

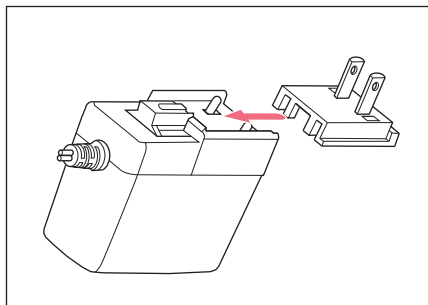
## 2.2 Intended use

The charger carousel is suitable for holding electronic and mechanical Eppendorf dispensing devices.

All dispensing devices may only be inserted into the charger carousel without the dispensing tip.

## 3 Installation

### 3.1 Inserting the power plug adapter – charger carousel



1. Insert a suitable power plug adapter.
2. Push the power plug adapter in as far as it will go.

### 3.2 Connecting the charger carousel



#### **NOTICE! Material damage due to incorrect mains/power supply devices.**

The charger stand and the charger carousel require different mains/power supply devices.

- Check whether you are using the correct mains/power supply device. The order no. of the mains/power supply device can be found on the mains/power supply device.



**NOTICE! Damage to the pipette due to excessive charging current.**

Electronic pipettes or dispensers must not be connected to a mains/power supply device while being in a charger stand or charger carousel. This may destroy the electronics of the pipette and the pipette may catch fire.

- ▶ Disconnect any connected mains/power supply devices from the pipette or the dispenser.
- ▶ It is not permitted to use the mains/power supply device of the pipette and the charger stand or charger carousel in combination.

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Prerequisites

- Mains/power supply device (included in delivery package) is present.
- ▶ Connect the charging plug of the mains/power supply device with the magnetic connector socket in the base.

### 3.3 Connecting the charger stand

For the charger stand with the single charger shell, the mains/power supply device of the dispensing device is used. A separate mains/power supply device for the charger stand is not supplied.



**NOTICE! Material damage due to incorrect mains/power supply devices.**

The charger stand and the charger carousel require different mains/power supply devices.

- ▶ Check whether you are using the correct mains/power supply device. The order no. of the mains/power supply device can be found on the mains/power supply device.

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Prerequisites

- The mains/power supply device is available.
- ▶ Connect the charging plug of the mains/power supply device with the connector socket in the base.

### 3.4 Winding the cable

To shorten the cable, it can be wound once around the stabilizing feet.

### 3.5 Changing the charger shell – charger carousel

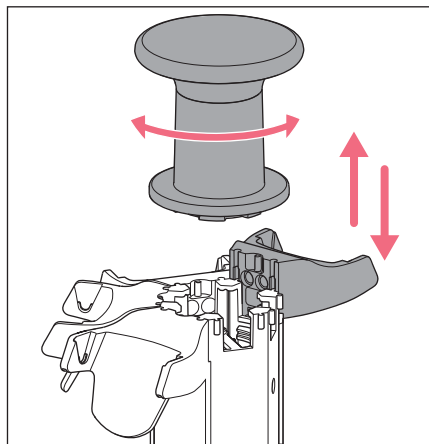
Prerequisites

- The mains/power supply device is disconnected from the mains/power line.

## 6 Instructions for Use

### Charger Carousel 2 - Charger Stand 2

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1. Disconnect the charging plug from the magnetic coupling and pull it out of the base.
2. Move the handle to the left and remove it.
3. Hold the charger carousel and lift the charger shell out.
4. Hook the other charger shell into the guide on the top.
5. Press against the bottom of the charger shell.
6. Slide the charger shell down until the catches lock into place at the bottom.
7. Fit the handle and tighten it to the right. The bayonet catch engages.
8. Insert the charging plug into the base. The charging plug is connected to the magnetic coupling. The contact is shown on the display of the dispensing device. The loading function is indicated by a flashing battery symbol.

### 3.6 Inserting the holder for a mechanical dispensing device – charger carousel

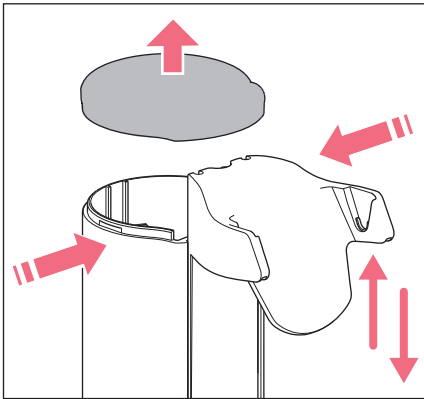
#### Prerequisites

- The mains/power supply device is disconnected from the mains/power line.
1. Move the handle to the left and remove it.
  2. Hold the charger carousel and lift the charger shell out.
  3. Hook the holder into the guide from above.
  4. Press onto the bottom of the holder.
  5. Slide the holder down until the catches lock into place at the bottom.
  6. Fit the handle and tighten it to the right. The bayonet catch engages.

### 3.7 Changing the charger shell – charger stand

#### Prerequisites

- The mains/power supply device is disconnected from the mains/power line.



1. Disconnect the charging plug from the connector socket and pull it out of the base.
2. Press the housing together below the lid and remove the lid.
3. Hold the charger stand and lift the holder out.
4. Hook the other holder into the guide on the top.
5. Press onto the bottom of the holder.
6. Slide the holder down until the catches lock into place at the bottom.
7. Fit the lid.
8. Plug the charging plug into the connector socket in the base.  
 The contact is shown on the display of the dispensing device.  
 The loading function is indicated by a flashing battery symbol.

## 4 Maintenance

### 4.1 Cleaning the charger carousel or the charger stand

- Use a damp cloth and mild cleaning agent to wipe off contamination.

### 4.2 Materials

| Wall mount         | Material                                                   |
|--------------------|------------------------------------------------------------|
| Available surfaces | Acrylonitrile styrene acrylate with polycarbonate (ASA/PC) |
| Feet               | Silicone                                                   |
| Charging contacts  | Nickel-plated coating                                      |

## 5 Technical data

|                |                                                                 |
|----------------|-----------------------------------------------------------------|
| Type           | Mains/power supply device with exchangeable power plug adapters |
| Input voltage  | 100 V — 240 V, $\pm 10$ %                                       |
| Output voltage | 5 V                                                             |
| Current        | 4 A                                                             |
| Frequency      | 50/60 Hz                                                        |

**8** **Instructions for Use**  
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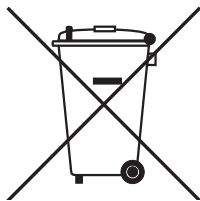
**6** **Transport, storage and disposal**  
**6.1** **Disposal**

Observe the relevant legal regulations when disposing of the product.

**Information on the disposal of electrical and electronic devices in the European Community:**

Within the European Community, the disposal of electrical devices is regulated by national regulations based on EU Directive 2012/19/EU pertaining to waste electrical and electronic equipment (WEEE).

According to these regulations, any devices supplied after August 13, 2005, in the business-to-business sphere, to which this product is assigned, may no longer be disposed of in municipal or domestic waste. They are marked with the following symbol to indicate this:



As the disposal regulations may differ from one country to another within the EU, please contact your supplier for more information.



## 7 Ordering Information

### 7.1 Charger carousel and charger stand

| Order no.<br>(International) | Order no. (North<br>America) | Description                                                                                                                            |
|------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 3116 000.023                 | 3116000023                   | <b>Charger Carousel 2</b><br>for 6 Eppendorf Xplorer/Xplorer plus<br>additional charger shells and holders are<br>optionally available |
| 3116 000.031                 | 3116000031                   | <b>Charger Stand 2</b><br>for one Eppendorf Xplorer/Xplorer plus                                                                       |
| 3116 000.040                 | 3116000040                   | <b>Charger Stand 2</b><br>for one electronic Eppendorf Multipette<br>(Repeater)                                                        |

### 7.2 Charger shell

| Order no.<br>(International) | Order no. (North<br>America) | Description                                                                                                                                |
|------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 3116 602.007                 | 3116602007                   | <b>Charger Shell 2</b><br>for one Eppendorf Xplorer/Xplorer plus<br>for Charger Carousel 2 (with charging<br>functionality)                |
| 3116 603.003                 | 3116603003                   | <b>Charger Shell 2</b><br>for one electronic Eppendorf Multipette<br>(Repeater)<br>for Charger Carousel 2 (with charging<br>functionality) |