

## Instructions for use

Universal adapter

English (EN)

# Universal adapter – Instructions for use

This document is a supplement to the operating manual of the centrifuge and not a replacement for it. Therefore, please also read the operating manual before starting up the rotors for the first time. You can find the current version on the Internet at [www.eppendorf.com/worldwide](http://www.eppendorf.com/worldwide).

## 1 Product description

The Universal adapter is destined for the centrifugation of the Eppendorf Tubes 5.0 mL in the following 15 mL adapters:

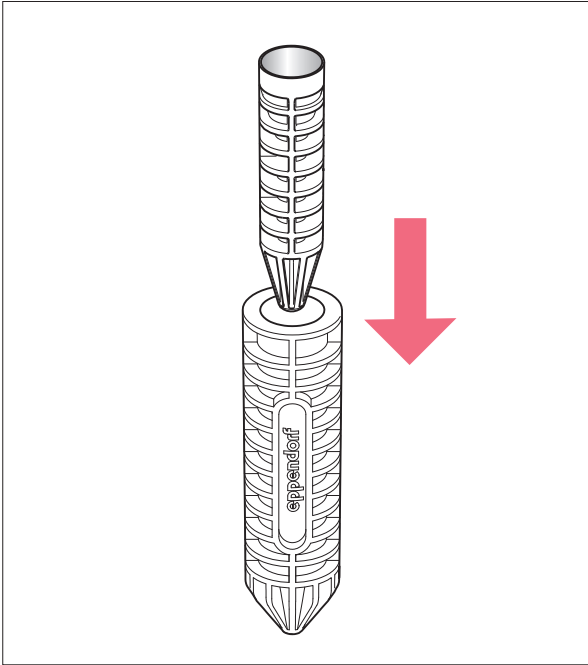
- 15 mL adapter for 7x50 mL bucket for rotor A-4-81 (5820 718.005)
- 15 mL adapter for rotor FA-45-6-30 (5820 717.009)
- 15 mL adapter for rotor F-34-6-38 (5804 776.003)
- 15 mL adapter for rotor S-4-104 (5825 734.009)
- 15 mL adapter for rotor S-4-72 (5804 783.000)
- 15 mL adapter for rotor A-4-38 (5702 723.002)
- 15 mL adapter for rotor A-4-38 (5702 732.001)



Due to the high g-forces in the FA-45-6-30 rotor the Universal adapter must be used for centrifuging the Eppendorf Tubes 5.0 mL. Otherwise there is the risk that the tubes slip into the bores.

In all other cases the use of the Universal adapter is optional.

## 2 Inserting the Universal adapter



1. Insert the Universal adapter into the 15 mL adapter as shown in the illustration.

Fig. 2-1: Inserting the Universal adapter into an adapter for conical 15 mL tubes

## 3 Cleaning and Disinfection

- ▶ Use a mild cleaning agent for cleaning.
- ▶ Use alcohol (ethanol, isopropanol) or disinfectants containing alcohol for the disinfection.

**i** The Universal adapter can be autoclaved (121° C, 20 min).

## 4 Technical data

### 4.1 Material

POM

### 4.2 Radii for the Universal adapter

Tab. 4-1: Centrifuge 5702/R/RH

<b>Rotor</b>	<b>Inserted into 15 mL adapter [Order No.]</b>	<b>Max. centrifugation radius [cm]</b>	<b>Max. g-force [rcf]</b>	<b>Max. speed [rpm]</b>
A-4-38	5702 723.002	8.4	1 818	4 400
A-4-38	5702 732.001	8.4	1 818	4 400

Tab. 4-2: Centrifuge 5804/R

<b>Rotor</b>	<b>Inserted into 15 mL adapter [Order No.]</b>	<b>Max. centrifugation radius [cm]</b>	<b>Max. g-force [rcf]</b>	<b>Max. speed [rpm]</b>
FA-45-6-30	5820 717.009	8.1	10 957	11 000
F-34-6-38	5804 776.003	7.5	10 146	11 000
S-4-72	5804 783.000	10.7	2 110	4 200

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English (EN)

Tab. 4-3: Centrifuge 5810

Rotor	Inserted into 15 mL adapter [Order No.]	Max. centrifugation radius [cm]	Max. g-force [rcf]	Max. speed [rpm]
FA-45-6-30	5820 717.009	8.1	10 957	11 000
F-34-6-38	5804 776.003	7.5	10 146	11 000
S-4-72	5804 783.000	10.7	2 110	4 200
A-4-81	5820 718.005	12.3	2 200	4 000
S-4-104	5825 734.009	13.0	2 211	3 900

Tab. 4-4: Centrifuge 5810/R

Rotor	Inserted into 15 mL adapter [Order No.]	Max. centrifugation radius [cm]	Max. g-force [rcf]	Max. speed [rpm]
FA-45-6-30	5820 717.009	8.1	13 259	12 100
F-34-6-38	5804 776.003	7.5	12 074	12 100
S-4-72	5804 783.000	10.7	2 110	4 200
A-4-81	5820 718.005	12.3	2 200	4 000
S-4-104	5825 734.009	13.0	2 211	3 900

## 5 Ordering information

Order no. (International)	Order no. (North America)	Description
5820 732.008	5820732008	<b>Universal adapter</b> for 1 Eppendorf Tube 5.0 mL, for centrifuges with rotors for conical 15 mL tubes Set of 8 pcs.

Your local distributor: [www.eppendorf.com/contact](http://www.eppendorf.com/contact)

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