

## Leaflet

Fixed-angle rotor F-45-48-11

English (EN)

This document supplements the operation manual Centrifuge 5430/5430 R and does not replace 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](http://www.eppendorf.com).

## 1 Product description

Rotor F-45-48-11 is a fixed-angle rotor for Centrifuge 5430/5430 R. Rotor F-45-48-11 has a maximum capacity of 48 tubes with a volume of 2.0 mL each.

## 2 Safety

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### **CAUTION! Risk of injury due to chemically damaged rotor lids or caps.**

Transparent rotor lids or caps made from PC, PP or PEI may lose their strength under the impact of organic solvents (e.g. phenol, chloroform).

- ▶ If rotor lids or caps have come into contact with organic solvents, they should be cleaned immediately.
  - ▶ Regularly check the rotor lids and caps for damages and cracks.
  - ▶ Replace rotor lids or caps which show cracks or milky stains immediately.
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## 3 Retrofitting older centrifuges

### 3.1 Centrifuge 5430

As of software version 4.4, rotors can be operated in the Centrifuge 5430 with a retrofit. Older devices can be retrofitted as of serial number 10,000.

### 3.2 Centrifuge 5430 R

As of software version 1.5, rotors can be operated in the Centrifuge 5430 R without a retrofit. Exception: Devices with software versions 2.0 and 2.1 require a retrofit. A retrofit can be completed for all devices.

You can view the software version on your device's display shortly after switching on the device. The retrofit may only be completed by a trained service technician. Please contact your dealer if necessary.

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### 4 Technical data

Max. g-force (rcf)/rotational speed (rpm): Outer row Inner row	18,210 x g/12,700 rpm 16,048 x g/12,700 rpm
Max. load per bore: (adapter, tube and contents)	3.75 g
Max. centrifugation radius: Outer row Inner row	10.1 cm 8.9 cm

Additional technical data and order numbers can be found in the operating manual.