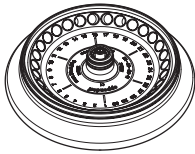
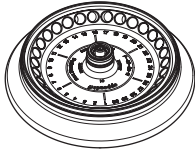
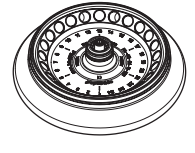
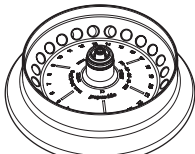


2 Product description

2.4 Rotors

You can operate the Centrifuge 5430 / 5430 R with the following rotors. Before using sample tubes, please note the manufacturer's specifications with regard to centrifugation resistance (max. rcf).

	Max. capacity	Max. g-force (rcf) / speed (rpm) w/o adapter	Max. load per rotor bore ⁽¹⁾	Notes
		Acceleration / braking time ⁽²⁾ (SOFT): With soft ramp		
Rotor FA-45-30-11 	30 micro test tubes @ 1.5/2.0 mL With adapters: <ul style="list-style-type: none"> • 0.2 mL PCR tubes • 0.4 mL micro test tubes • 0.5 mL micro test tubes • 0.6 mL Microtainers 	20,817 x g / 14,000 rpm 14 s / 15 s 60 s / 65 s (SOFT)	3.75 g	<ul style="list-style-type: none"> • PTFE-coated (particularly resistant to chemicals), marked: <i>coated</i>. • Aerosol-tight⁽³⁾ rotor lid (aluminum). • Spin Columns possible, better with rotor FA-45-24-11-Kit.
Rotor F-45-30-11 	30 micro test tubes @ 1.5/2.0 mL With adapters: <ul style="list-style-type: none"> • 0.2 mL PCR tubes • 0.4 mL micro test tubes • 0.5 mL micro test tubes • 0.6 mL Microtainers 	20,817 x g / 14,000 rpm 14 s / 15 s 60 s / 65 s (SOFT)	3.75 g	<ul style="list-style-type: none"> • PTFE-coated (particularly resistant to chemicals), marked: <i>coated</i>. • Spin Columns possible, better with rotor FA-45-24-11-Kit.
Rotor FA-45-24-11-HS 	24 micro test tubes @ 1.5/2.0 mL With adapters: <ul style="list-style-type: none"> • 0.2 mL PCR tubes • 0.4 mL micro test tubes • 0.5 mL micro test tubes • 0.6 mL Microtainers 	30,130 x g / 17,500 rpm 21 s / 16 s 60 s / 65 s (SOFT)	3.75 g	<ul style="list-style-type: none"> • Max. g-force/speed (30.130 x g / 17,500 rpm) only with tubes approved for this use by the manufacturer. • PTFE-coated (particularly resistant to chemicals), marked: <i>coated</i>. • Aerosol-tight⁽³⁾ rotor lid (aluminum). • Spin Columns possible, better with rotor FA-45-24-11-Kit. • Tightening and undoing the rotor only with the special rotor key for rotor FA-45-24-11-HS (see p. 38).
Rotor FA-45-24-11-Kit 	24 Spin Columns or 1.5/2.0 mL micro test tubes With adapters: <ul style="list-style-type: none"> • 0.2 mL PCR tubes • 0.4 mL micro test tubes • 0.5 mL micro test tubes • 0.6 mL Microtainers 	19,090 x g / 13,200 rpm 14 s / 16 s 68 s / 90 s (SOFT)	3.75 g	<ul style="list-style-type: none"> • Particularly high edge for all commercially available Spin Columns. See the note about centrifugation with open tube lids in this connection (see <i>Load fixed-angle rotor</i> on page 29). • Aerosol-tight⁽³⁾ rotor lid (aluminum).