



FRONTIER™ 5000

High-Speed Micro Centrifuge Series



Dependable Benchtop Micro Centrifuges,
the perfect solution for molecular and cell biology applications.
Whether you're working on **DNA / RNA** preparation or ultrafiltration,
OHAUS centrifuges deliver **outstanding performance.**



Ingeniously Practical

CLICK OR SCAN
FOR THE WEB



Ergonomic

Bright LCD display with backlight .
Easy to close rotor – only a quarter of a turn needed to close the rotor lid

Make Your Life Easy

Pre-configured kits
FC5513L and FC5513-K

Safety

Imbalance detection and soft mechanical lid locking system to protect the users.
BIOSEAL rotors for safe centrifugation of hazardous samples

Easy to Use

Touch-wheel interface for parameter adjustments even when wearing gloves
Big main screen – no need to navigate through sub-screens 99 memory sets

Compact Footprint

Saves space in your lab – small, powerful and silent

Refrigerated FC5513R

Refrigeration capabilities from 40°C to -20°C with pre-cooling feature

FC5513 FC5513R FC5513L

Features



FC5513



FC5513R



FC5513L

	FC5513	FC5513R	FC5513L
Speed Range	200 – 13500 rpm	200 – 14500 rpm	200 – 14000 rpm
RCF Range	4 – 17317 × g	20 – 17157 × g	4 – 15944 × g
Max capacity:			
Angle rotor	24 × 1.5/2.0 ml	24 × 1.5/2.0 ml	18 × 1.5/2.0 ml (rotor included)
Temperature range	Air cool	-20° to 40°C	-20° to 40°C
Memory	99 memory sets		
Number of compatible rotors	4	4	1
Dimensions (W × D × H)	277 × 356 × 236 mm	287 × 555 × 286 mm	277 × 356 × 236 mm

Compatible rotors

Rotor Angle 24 × 1.5/2.0 ml BIOSEALS V1



Max. Speed	Max. RCF	Accessories	Vol./Tube	No. of Tubes / Rotor
13500 rpm (FC5513) 13000 rpm (FC5513R)	17317 × g (FC5513) 16058 × g (FC5513R)	Without accessory Adapter 1 × 0.5 ml D8 mm 6/pk Adapter 1 × 0.2/0.4 ml D6 mm 6/pk	1.5/2.0 ml 0.5 ml 0.2/0.4 ml	24

Rotor Hematocrit 24 × Capillaries V1



Max. Speed	Max. RCF	Accessories	Vol./Tube	No. of Tubes / Rotor
13000 rpm (FC5513)	16058 × g (FC5513)	Without accessory	-	24

Rotor Angle 24 × 2.0 ml Spin Column



Max. Speed	Max. RCF	Accessories	Vol./Tube	No. of Tubes / Rotor
13500 rpm (FC5513)	17317 × g (FC5513)	Without accessory	2 ml	24

Rotor Angle 18 × 1.5/2.0 ml Sealable



Max. Speed	Max. RCF	Accessories	Vol./Tube	No. of Tubes / Rotor
14500 rpm (FC5513R) 14000 rpm (FC5513L)	17157 × g (FC5513R) 15994 × g (FC5513L)	Without accessory Adapter 1 × 0.5 ml D8 mm 6/pk Adapter 1 × 0.2/0.4 ml D6 mm 6/pk	1.5/2.0 ml 0.5 ml 0.2/0.4 ml	18

Rotor Angle 4 × 8-Place PCR Strip V1



Max. Speed	Max. RCF	Accessories	Vol./Tube	No. of Tubes / Rotor
13500 rpm (FC5513) 13000 rpm (FC5513R)	14669 × g (FC5513) 13602 × g (FC5513R)	Without accessory	0.2 ml	32

FC5515 FC5515R

Features



FC5515



FC5515R

	FC5515	FC5515R
Speed Range	200 – 15 200 rpm	200 – 15 200 rpm
RCF Range	10 – 21 953 × g	10 – 21 953 × g
Max capacity:		
Angle rotor	44 × 1.5/2.0 ml	44 × 1.5/2.0 ml
Temperature range	Air cool	-20° to 40°C
Memory	99 memory sets	
Noise level	<60 dB(A)	<57 ±2 dB(A)
Number of compatible rotors	6	5
Dimensions (W × D × H)	287 × 393 × 292 mm	287 × 561 × 292 mm

Compatible rotors

Rotor Angle 44 × 1.5/2.0 ml V1



Max. Speed	Max. RCF	Accessories	Vol./Tube	No. of Tubes/Rotor
15 000 rpm (FC5515 & FC5515R)	21 127 × g / 21 379 × g (FC5515 & FC5515R)	Without accessory Adapter 1 × 0.5 ml D8 mm 6/pk Adapter 1 × 0.2/0.4 ml D6 mm 6/pk	1.5/2.0 ml 0.5 ml 0.2/0.4 ml	44

Rotor Angle 30 × 1.5/2.0 ml Sealable



Max. Speed	Max. RCF	Accessories	Vol./Tube	No. of Tubes/Rotor
13 500 rpm (FC5515 & FC5515R)	19 151 × g (FC5515 & FC5515R)	Without accessory Adapter 1 × 0.5 ml D8 mm 6/pk Adapter 1 × 0.2/0.4 ml D6 mm 6/pk	1.5/2.0 ml 0.5 ml 0.2/0.4 ml	30

Rotor Angle 24 × 1.5/2.0 ml BIOSEALS V2



Max. Speed	Max. RCF	Accessories	Vol./Tube	No. of Tubes/Rotor
15 000 rpm (FC5515 & FC5515R)	21 379 × g (FC5515 & FC5515R)	Without accessory Adapter 1 × 0.5 ml D8 mm 6/pk Adapter 1 × 0.2/0.4 ml D6 mm 6/pk	1.5/2.0 ml 0.5 ml 0.2/0.4 ml	24

Rotor Angle 12 × 5 ml FA Sealable



Max. Speed	Max. RCF	Accessories	Vol./Tube	No. of Tubes/Rotor
14 500 rpm (FC5515 & FC5515R)	19 978 × g (FC5515 & FC5515R)	Without accessory Adapter 1 × 1.5/2.0 ml D11 mm 6/pk Adapter 1 × 1 ml D12.6 mm Cryo 6/pk Adapter 1 × 1.8 ml D12.6 mm Cryo 6/pk	5 ml 1.5/2.0 ml 1 ml 1 ml	12

Rotor Angle 4 × 8-Place PCR Strip



Max. Speed	Max. RCF	Accessories	Vol./Tube	No. of Tubes/Rotor
15 000 rpm (FC5515 & FC5515R)	15 343 × g (FC5515 & FC5515R)	Without accessory	0.2/0.4 ml	32

Rotor Hematocrit 24 × Capillaries V2



Max. Speed	Max. RCF	Accessories	Vol./Tube	No. of Tubes/Rotor
13 000 rpm (FC5515)	16 058 × g (FC5515)	Without accessory	-	24

Rotor Angle 24 × 2.0 ml Spin Column V1



Max. Speed	Max. RCF	Accessories	Vol./Tube	No. of Tubes/Rotor
13 500 rpm (FC5515 & FC5515R)	17 317 × g (FC5515 & FC5515R)	Without accessory	2.0 ml	24

Long Lasting

Stainless steel rotor chamber
Splash-proof interface

Flexibility

Compatible with 24, 30 or 44 microtubes of 1.5/2.0 ml or 5 ml, spin columns, PCR strips, cryo tubes & hematocrit capillaries

Safety

Imbalance detection
BIOSEAL rotors and motor driven lid locking system

Easy to Use

Rotary knob for parameter adjustments
Bright LCD display with backlight with real-time information – no need to navigate through sub-screens

Ergonomic

Easy to close rotor – only a quarter of a turn needed to close the rotor lid
Short-spin key for quick centrifugation with one touch



Refrigerated FC5515R

Cooling system that cools down from 23°C to 4°C in less than 10 minutes with pre-cooling feature



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This leaflet only reflects a selection of our portfolio. Please contact us or your distributor for further details.

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*The management system governing
the manufacture of this product is
ISO 9001:2015 certified..*

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