



Compact Micro Centrifuge with Modern Touch-Wheel Interface Ideal for High-Speed Lab Applications

The FC5513 is a high-speed benchtop microliter centrifuge capable of generating $17,317 \times g$ with four optional rotors, designed for a range of essential lab applications. Engineered with convenient operation in mind, the FC5513 features a uniquely designed splash-proof front panel with touch-wheel control on an intuitive interface. The compact design saves valuable bench space in the lab.

Standard Features:

- **Select from a Variety of Rotors Designed for a Range of Lab Applications**—The FC5513 offers standard $24 \times 1.5/2$ mL microtube rotors with a biocontainment option. This centrifuge can also support spin columns and hematocrit capillary tubes when used with additional rotor options.
- **Modern Touch-Wheel Control on a Sleek Splash-Proof Interface**—Designed for ease of operation, the FC5513 features convenient control on a protective splash-proof interface, which allows for responsive operation—even when wearing gloves.
- **The Compact Design Saves Valuable Benchtop Space**—Enclosing all its functionalities within a small footprint, the FC5513 saves valuable space on the lab bench.

FRONTIER™ 5513 High-Speed Micro Centrifuge

Sleekly designed interface enables smooth operation for a great user experience

- Easy-to-Use touch-wheel interface for parameter adjustments
- Convenient interface shows both set and actual parameters
- One-touch toggling between RPM/RCF, Acc/Dec
- Crisp display on a double-line LCD display with backlight

Solid engineering to ensure functionality and reliability

- True splash-proof panel protects the centrifuge from accidental sample spilling
- Maintenance-free induction motor produces maximum G-force of $17317 \times g$
- Speeds up to 13500 rpm in less than 15 seconds with microtubes
- 10 acceleration/deceleration settings
- 99 memory sets to quickly store and recall commonly used parameters
- Rotor imbalance sensing systems stops the unit when the loadings are imbalanced

Flexible rotor selections to cover essential laboratory applications

- Standard offer comes with $24 \times 1.5/2.0$ mL microtube rotors
- Compatible with 4 optional rotors, maximum capacity of $24 \times 1.5/2.0$ mL
- Support spin-column and hematocrit capillary through additional rotor options
- Biocontainment rotor available for safe handling of hazardous samples



FRONTIER™ 5513 Rotors and Accessories

| | | |
|---|-------------|-----------------------------------|
|  | Order No. | 30472301 |
| | Description | Rotor, Angle, 24 × 1.5/2.0 mL, V2 |
| | Max. Speed | 13500 rpm |
| | Max. RCF | 17317 × g |

Accessories

| Order No. | Description | Vol./Tube | Diameter | Tube type |
|-----------------|-------------------------------------|------------|----------|-----------|
| Without Adapter | Rotor, Angle, 24 × 1.5/2.0 mL, V2 | 1.5/2.0 mL | 11 mm | Microtube |
| 30130885 | Adapter, 1 × 0.5 mL D8 mm, 6/pk | 0.5 mL | 8 mm | Microtube |
| 30130884 | Adapter, 1 × 0.2/0.4 mL D6 mm, 6/pk | 0.2/0.4 mL | 6 mm | Microtube |

| | | |
|---|-------------|---|
|  | Order No. | 30472302 |
| | Description | Rotor, Angle, 24 × 1.5/2.0 mL, Sealable, V2 |
| | Max. Speed | 13500 rpm |
| | Max. RCF | 17317 × g |

Accessories

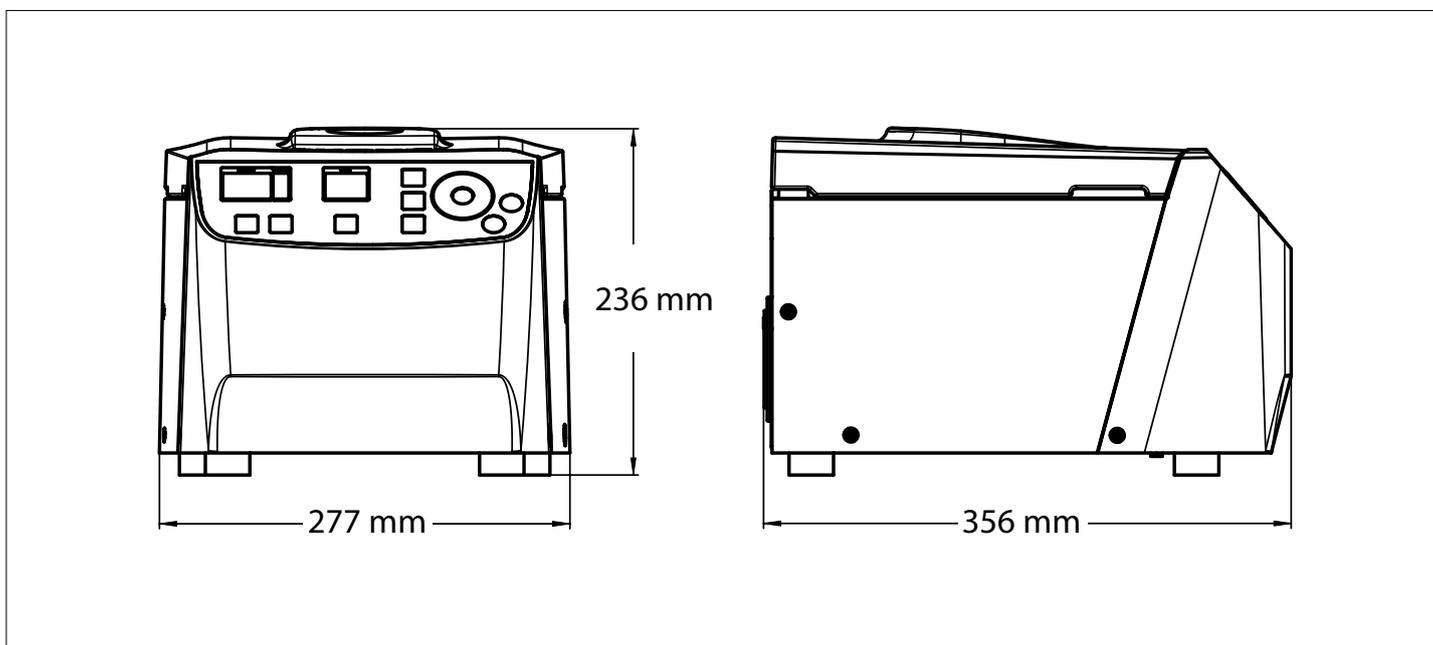
| Order No. | Description | Vol./Tube | Diameter | Tube type |
|-----------------|---|------------|----------|-----------|
| Without Adapter | Rotor, Angle, 24 × 1.5/2.0 mL, Sealable, V2 | 1.5/2.0 mL | 11 mm | Microtube |
| 30130885 | Adapter, 1 × 0.5 mL D8 mm, 6/pk | 0.5 mL | 8 mm | Microtube |
| 30130884 | Adapter, 1 × 0.2/0.4 mL D6 mm, 6/pk | 0.2/0.4 mL | 6 mm | Microtube |

| | | |
|--|-------------|-----------------------------|
|  | Order No. | 30472303 |
| | Description | Rotor, Angle, 18 × 2 mL SC* |
| | Max. Speed | 13500 rpm |
| | Max. RCF | 15484 × g |

*SC-Spin Column

| | | |
|---|-------------|---|
|  | Order No. | 30472304 |
| | Description | Rotor, Hematocrit, 24 × Capillaries, V2 |
| | Max. Speed | 13000 rpm |
| | Max. RCF | 16058 × g |

Dimensions



FRONTIER™ 5513 High-Speed Micro Centrifuge

| Model | FC5513 |
|------------------------------------|--|
| Speed Range | 200 rpm – 13500 rpm; 10 rpm/set |
| Maximum RCF | 17317 × g; 10 × g/set |
| Maximum Capacity (Rotor) | 24 × 1.5/2.0 mL |
| Temperature Range | Air cool |
| Running Time | Quick Spin, 10 sec to 99 hr 59 min 59 sec, or continuous |
| Noise Level | ≤ 60 dB(A) |
| Acc/Dec Levels | 10 |
| Allowable Density at Maximum Speed | 1.2 g/mL |
| Allowable Kinetic Energy | 2129 Nm |
| AC Power | 230 V ~ 50/60 Hz |
| Voltage Fluctuation | ± 10% |
| Current Consumption | 1.9 A |
| Power Consumption | 170 W |
| Dimensions (W × D × H) | 277 × 356 × 236 mm |
| Net Weight (with rotor) | 12.6 kg |
| Shipping Dimensions (W × D × H) | 370 × 470 × 340 mm |
| Shipping Weight (with rotor) | 14 kg |
| Environment | For indoor use only |

Other Standard Features and Equipment

Ten acceleration and ten deceleration rates, pre-selection of running time from 10s to 99h 59min or continuous, audible signal at the end of each run with melody options, quick spin for short runs

Compliance

- **Product Safety:** IEC/EN 61010-1; IEC/EN 61010-2-020
- **Electromagnetic Compatibility:** IEC/EN 61326-1 Class B, Basic environments
- **Compliance Mark:** CE

OHAUS Asia/Pacific Headquarters

7F, Block 33, 680 Guiping Road
Shanghai 200233
China

e-mail: APmarketing@ohaus.com
Tel: +86 21 64855408

www.ohaus.com

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

SAP Literature: 30385208

