# FluxPro UF-2075 — Floor-Standing Refrigerated High-Speed Centrifuge, 20,000 rpm




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## Overview

The centrifuge UF-2075 has an extraordinary capacity with a maximum of 4×250ml fixed angle rotor, A broad selection of fixed-angle and swing-out rotors is available, along with an extensive range of accessories with buckets and adapters, including bio-safety configurations. The tube capacities extend from 0.2 ml to 250 ml in fixed-angle rotors and 2 ml to 750 ml in swing-out rotors. Microtiter and deepwell plates can also be centrifuged. The resulting compatibility with a large number of specimen tubes enables high versatility and allows use for a very wide variety of tasks, including high-throughput applications.

## Key Features

- Metal housing, metal lid, and stainless steel centrifuge chamber are autoclave-able and resistant detergents and disinfection liquids.
- Observations window on lid for speed calibration and noise measurement.
- Microprocessor control with frequency conversion A.C. motor drive
- 7-inch touch screen display the parameters of Speed, Timer, RCF, Rotors, Program(Memory), Acceleration& Deceleration information and Error code information.
- Double layers sealing ring made for the centrifuge lid and the instrument to keep long good sealing.
- Bio-safety: gas-tight rotating head that can be sterilized at high temperature, centrifugal cavity with ultraviolet sterilization function, enter the sterilization state after turning on the machine.
- CFC-free refrigerant, temperature sensor inside the chamber, pre-cooling feature, precise temperature control up to – 20°C.
- Programmable and storable, stores up to 1000 programs and provides direct user access with one keystroke save. The stored parameter: combination remains in the memory even after the centrifugation has been switched off.

## Technical Specifications

| | |
|---|---|
| **Speed Range** | 0-20000 rpm adjustable |
| **Max Speed** | 20000 rpm with fixed angle rotor 12 × 5 ml |
| **Speed Accuracy** | ±10r/min |
| **Max Capacity** | 4 × 750 ml |
| **RCF Range** | 0-28620 ×g adjustable |
| **Max RCF** | 28620 ×g |
| **Timer** | 1-99minutes 59s adjustable |
| **Display** | LCD |
| **Noise** | ≤ 58 dB(A) |
| **Acceleration / Deceleration Rates** | 1-10 rates |
| **Temperature Range** | -20 °C to +40 °C |
| **Temperature Accuracy** | ±1 °C |
| **Dimensions (L × W × H)** | 690 × 590 × 820 mm (L × W × H) |
| **Net Weight** | 190 kg |
| **Power Supply** | AC220V,50Hz,10A, 2000W |
| **Matched Rotors** | Fixed angle rotors |
| **Certification** | CE, ISO13485,ISO9001, SFDA |
| **Part Number** | UF-2075 |
| **Lead Time** | 4–6 weeks ARO |

## Rotors & Accessories

| No. | Max. capacity | Max.speed | Max.RCF | Note |
|---|---|---|---|---|
| NO.2 | 12×5ml | 20000r/min | 28620xg | PP/PC tube |
| 12×1.5ml | PP/PC tube | | | |
| NO.3 | 24×1.5/2.2ml | 16000r/min | 24843xg | PP/PC tube |
| 24×0.5ml | PP/PC tube | | | |
| 24×0.2ml | PP/PC tube | | | |
| NO.4 | 12×10ml | 15000r/min | 20214xg | PP/PC tube |
| 12×5ml | PP/PC tube | | | |
| 12×1.5ml | PP/PC tube | | | |
| NO.5 | 10×15ml | 15000r/min | 26161xg | PP/PC tube |
| 10×5ml | PP/PC tube | | | |
| 10×1.5ml | PP/PC tube | | | |
| NO.6 | 6×50ml | 14000r/min | 21255758xg | PP/PC tube |
| 6×15ml | PP/PC tube | | | |
| 6×10ml | PP/PC tube | | | |
| 6×3×1.5ml | PP/PC tube | | | |
| NO.7 | 8×50ml | 12000r/min | 17226xg | PP/PC tube |
| 8×15ml | PP/PC tube | | | |
| 8×10ml | PP/PC tube | | | |
| 8×3×1.5ml | PP/PC tube | | | |
| NO.8 | 6×100ml | 13000r/min | 20406xg | PP/PC tube |
| 6×50ml | PP/PC tube | | | |
| 6×15ml | PP/PC tube | | | |
| 6×10ml | PP/PC tube | | | |
| 6×3×5ml | PP/PC tube | | | |
| 6×4×1.5ml | PP/PC tube | | | |
| NO.9 | 4×250ml | 10000r/min | 15093xg | PP/PC tube |
| 4×100ml | PP/PC tube | | | |
| 4×50ml | PP/PC tube | | | |
| 4×5×15ml | PP/PC tube | | | |
| 4×5×10ml | PP/PC tube | | | |
| 4×10×1.5ml | PP/PC tube | | | |
| NO.10 | 4×750ml | 4000r/min | 3443xg | Round cup |
| 4×26×5/2ml | Vacuum blood collection tubes | | | |
| 4×13×15/10ml | PP/PC tube | | | |
| 4×5×50ml | PP/PC tube | | | |
| 4×3×100ml | PP/PC tube | | | |
| 4×1×500ml | PP/PC tube | | | |
| NO.11 | 2×2×96 well | 4000r/min | 2978xg | |
| 2×32×1.5ml | PP/PC tube | | | |

## Standard Configuration

Rotor and accessories as quoted. Part number: **UF-2075**.

## Warranty and Service

Warranty terms are stated on the quotation. For service, calibration and spare parts contact support@uv-incure.com.