FluxPro UM-675 — Large-Capacity Benchtop Centrifuge, 4 × 750 ml



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Overview

The benchtop centrifuge UM-675 is available with numerous swing-out and fixed-angle rotors, along with various buckets and adapters. The extensive range of accessories can accommodate tubes and flasks from 0.5 ml to 750 ml as well as microtiter and deepwell plates. The maximum RCF of more than 6,080 x g is suitable for many application areas in clinical diagnostics, veterinary medicine, pharmaceutics, environmental analysis and industrial production, as well as universities and research facilities.

Key Features

- Metal housing, metal lid, and 304# 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
- LCD 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.
- 6 levels damping for anti vibration to achieve the best centrifugal effect. Adapters of 0.5-500 ml are available.
- Programmable and storable, stores up to 30 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.
- Provides the 10 acceleration rates and 10 braking ramp, to effectively avoid secondary sedimentation, with better centrifugation effect.

Technical Specifications

Speed Range	0-6000 rpm adjustable
Max Speed	6000 rpm
Speed Accuracy	±10 rpm
Max Capacity	4 × 750 ml
RCF Range	0-4752 ×g adjustable
Max RCF	4752 ×g
Timer	1s-99minutes adjustable
Display	LCD
Noise	< 58 dB(A)
Acceleration / Deceleration Rates	1-- 10
Motor / Drive	Frequency Converter motor
Dimensions (L × W × H)	620 × 480 × 375 mm
Net Weight	50 kg
Power Supply	AC220V,50Hz,10A,770W
Matched Rotors	Fixed angle rotors + Swing buckets rotor
Certification	CE, ISO13485,ISO9001, SFDA
Part Number	UM-675
Lead Time	4–6 weeks ARO

Rotors & Accessories

No.	Rotor	Capacity	Max. speed	Max.RCF	Note
NO.1	Angle rotor	12×15/10/5ml	6000r/min	4588xg	PP/PC tube
Adapter	12×2ml	PP/PC tube			
NO.2	Swing rotor	Steel frame rotor	5000r/min	4752xg	PP/PC tube
Swing frame	4×100ml	PP/PC tube			
Swing frame	4×50ml	PP/PC tube			
Adapter	4×15/10ml	PP/PC tube			
NO.3	Swing rotor	Steel frame rotor	4000r/min	3041xg	PP/PC tube
Swing frame	4×2×100ml	PP/PC tube			
Swing frame	4×2×50ml	PP/PC tube			
Adapter	4×2×15/10ml	PP/PC/tube/vacuum blood collection tube			
Swing frame	4×8×15/10/5ml	PP/PC tube/vacuum blood collection tube			
Rack	4×12×5/2ml	vacuum blood collection tube			
NO.4	Swing bucket	4×18×5/2ml	4000r/min	2773xg	vacuum blood collection tube
NO.5	Swing bucket	4×600ml	4000r/min	3354xg	Round cup
Adapter	4×25×5/2ml	vacuum blood collection tube			
Adapter	4×12×15/10ml	PP/PC tube			
Adapter	4×5×50ml	PP/PC tube			
Adapter	4×4×100ml	PP/PC tube			
NO.6	Swing bucket	4×500ml	4000r/min	3354xg	Round cup
Adapter	4×17×5/2ml	vacuum blood collection tube			
Adapter	4×8×15/10ml	PP/PC tube			
Adapter	4×3×50ml	PP/PC tube			
Adapter	4×100ml	PP/PC tube			
NO.7	Swing bucket	4×750ml	4000r/min	3443xg	Round cup
Adapter	4×26×5/2ml	vacuum blood collection tube			
Adapter	4×13×15/10ml	PP/PC tube			
Adapter	4×5×50ml	PP/PC tube			
Adapter	4×3×100ml	PP/PC tube			
NO.8	Microplate rotor	2×2×96 hole	4200r/min	2860xg	Square cup
Adapter	2×32×1.5ml	PP/PC tube			
NO.9	Swing rotor	6×2×30ml	4500r/min	3170xg	Suitable for liquid-based cell adsorbent sandwich cup

Standard Configuration

Rotor and accessories as quoted. Part number: **UM-675**.

Warranty and Service

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