FluxPro UM-640 — Benchtop Centrifuge, 4 × 400 ml swing-out



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Overview

The benchtop centrifuge UM-640 combines advanced technology with high capacity. It 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 2 ml to 400 ml as well as microtiter and deepwell plates. The low speed centrifuge UM-640 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
- LED 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.
- 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.
- Automatic lid-locking and holding during rotor run

Technical Specifications

Speed Range	0-6000 rpm adjustable
Max Speed	6000 rpm
Speed Accuracy	±10 rpm
Max Capacity	4 × 400 ml
RCF Range	0-4752 ×g adjustable
Max RCF	4752 ×g
Timer	1min-99minutes
Display	LED
Noise	< 58 dB(A)
Acceleration / Deceleration Rates	1-- 10
Motor / Drive	Frequency Converter motor
Dimensions (L × W × H)	620 × 440 × 360 mm
Net Weight	40 kg
Power Supply	AC220V,50Hz,10A,570W
Matched Rotors	Fixed angle rotors; Swing out rotors; Microplate rotor
Certification	CE, ISO13485,ISO9001, SFDA
Part Number	UM-640
Lead Time	4–6 weeks ARO

Rotors & Accessories

No.	Item	Capacity	Max.speed	Max.RCF	Note
NO.1	Angle rotor	12×15/10/5ml	6000r/min	4588xg	PP/PC tube
Adapater	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			
Swing frame	4×8×15/10/5ml	PP/PC/Vacuum blood collection tubes			
Rack	4×12×5/2ml	Vacuum blood collection tubes			
NO.4	Swing rotor	4×18×5/2ml	4000r/min	2773xg	Vacuum blood collection tubes
NO.5	Swing bucket	4×400ml	4000r/min	3040xg	Square bucket
Adapter	4×16×5/2ml	Vacuum blood collection tubes			
Adapter	4×9×15/10ml	PP/PC tube			
Adapter	4×4×50ml	PP/PC tube			
Adapter	4×100ml	PP/PC tube			
NO.6	Swing bucket	4×250ml	4000r/min	3023xg	Round bucket
Adapter	4×9×5/2ml	Vacuum blood collection tubes			
Adapter	4×5×15/10ml	PP/PC tube			
Adapter	4×50ml	PP/PC tube			
Adapter	4×100ml	PP/PC tube			
Adapter	4×9×1.5ml	PP/PC tube			
NO.7	Microplate rotor	2×2×96 hole	4200r/min	2860xg	Square bucket
Adapter	2×32×1.5ml	PP/PC tube			

Standard Configuration

Rotor and accessories as quoted. Part number: **UM-640**.

Warranty and Service

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