

High Capacity Centrifuge

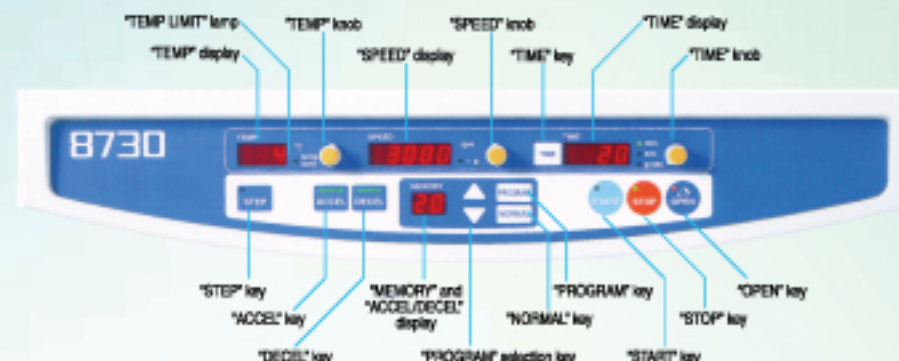


High Capacity Refrigerated Centrifuge

8730



RS-4000 Rotor for blood Components separation



Rotor, Guide

Rotor Name	Nominal Capacity	8730		Bucket Code No. *2	Tube Rack Adaptor Code No.
		Maximum Speed rpm	Maximum RCF xg		
High capacity swinging bucket rotor					
RS-4000	4 x 450mL blood bags	4,000	4,110	053-5980 + 053-0010	055-6170L*
	4 x 350mL blood bags	4,000	4,110	053-5980 + 053-0010	055-6170L*
	4 x 250mL blood bags	4,000	4,110	053-5980 + 053-0010	055-6170L*

*3 Inner cup 055-6170L protects blood bags during rotation and facilitates their placement and removal.

Specifications

Model 8730 (Refrigerated Type)

- Maximum Speed • 4,000 rpm
- Maximum RCF • 4,110 x g
- Maximum Capacity • 4x1000 ml (4 blood bags)
- Control System • Microprocessor control (brushless motor)
- Alarm display • Lid open, Imbalance, Over speed, Abnormally high temperature, Detected electrical abnormality in motor, inverter, lid interlock, speed sensor and temperature sensor
- Acceleration/Deceleration • 9 selectable rates
- Speed setting • Digital display, from 200 to 4,000 rpm, 10 or 100 rpm increments
- Speed indication • Digital display, from 0 to 4,300 rpm, 10 rpm increments
- RCF setting • Digital display, from 10 to 4,150 xg, 10 or 100 xg increments
- RCF indication • Digital display, from 0 to 4,800 xg, 10 xg increments
- Integrator setting and indication • Digital display, from 1.00 to 9.99x10⁻¹ g·sec
- Timer setting and indication • Digital display, with HOLD function (continuous operation) and electric buzzer
 - 1 second to 100 seconds, 1 sec increments
 - 100 seconds to 990 seconds, 10 sec increments
 - 1 minute to 100 minutes, 1 min increments
 - 100 minutes to 990 minutes, 10 min increments
- Temperature setting and indication • Digital display, -20°C to +40°C, 1°C increments
- Refrigerant • R404A
- Power requirements • Single phase 50/60Hz 220V±10% 20A, 230V±10% 20A
- Rated voltage and rated current • 220V 10A, 230V 9.5A
- Power consumption and heat output • 1.8kW 6.5MJ/h
- Dimensions, weight • 64cm x 78cm x 86cm (WxDxH) ^(*), 217kg
- Certificates of conformity • IEC 61010-2-020
- CE Marking (AC220V and 230V versions)
- Operating environment • Temperature 10°C to 40°C, atmospheric pressure 70 to 106kpa, humidity 30 to 85%

(*) Not including projections

All specifications and external appearance are subject to change without notice.

* Use only rotors, adaptors and tube racks made by KUBOTA. Do not attempt to use rotors, adaptors or tube racks made by other manufacturers.

* Follow all instructions in the relevant Instruction & Service Manual when operating centrifuges.

Kubota has acquired ISO 9001 and ISO 13485 certification.



Safety Precautions

For your safe use of the equipments, be sure to read the instruction manual carefully before you start its operation.

Parts may be adversely affected by heat, humidity and specimens or deteriorated by aging resulting in functional failures or may even lose their safety characteristic to cause accidents.



DISCONTINUE USE

Always discontinue use when phenomena listed at right appear.

- The rotor or bucket has been found to be damaged or corroded.
- A burnt smell comes out of the equipment.
- You receive a minor electrification when you touch the equipment body by a naked hand.
- Some other abnormality or failure has been found occurring.

IMPORTANT

To prevent occurrences of functional failures or accidents, turn off the power switch, pull out the power cable plug from the plug socket and be sure to contact your nearest Kubota Dealer, or an office of Kubota Corporation when there is no Kubota Dealer in your neighbourhood.

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