

Benchtop Centrifuge

PlateSpin3



■ Handy spin-down of several plate types including PCR and deep-well plates

This model is especially efficient at removing air bubbles from wells or water droplets from plate walls.

■ Easy to use thanks to the swing rotor

Plates can be set easily simply by placing them in the bucket. Because plates do not need to be set vertically, liquid leakage is not a concern.

■ The unit can accommodate 2 x 96-hole PCR plates, 6 x microplates, or 2 x deep-well plates at a time.

■ Two-Second Imbalance Detector

Approximately 2 seconds after the start of centrifugation, it detects abnormal vibration and alerts that there is an imbalance.

■ Rapid and simple spin-down with the memory flashing function

The rotor rotates only while the START key is pressed.

■ Various beep sounds can be selected depending on your preference

The operation completion beep can be selected from 11 types including mute, and four volume levels are available.

■ Compliant with International Safety Requirements IEC61010-2-020

This model has been designed to ensure user safety by retaining fragments within the centrifuge if the rotor brakes during centrifugation.



2 x 96-hole PCR plates



6 x microplates



2 x deep-well plates

 Rotors are subject to durability. For more details, please contact us.

※The number of times allowed for autoclaving is limited. For more details, please contact us.

PlateSpin3

Product name	Benchtop Centrifuge
Swing rotor	
Max. capacity	2×deep-well plate 6×micro plate
Max. speed (rpm)	3,700 rpm
Max. RCF (×g)	1,530×g
Size	34(W)×42(D)×33(H) cm Height with opened lid 66 cm
Weight	20 kg
Power consumption: calorific value	120W, 0.44MJ/h (Power-saving mode: Approx. 7W)
Power requirements	Single phase 110/115V ± 10%, 50/60Hz, 8A Single phase 220/230V ± 10%, 50/60Hz, 5A
Rated voltage, rated current	110V 2.7A, 115V 2.0A, 220/230V 1.0A
Use environment	Temperature: 10 - 35°C Humidity: 30 - 85% Atmospherics pressure: 70 - 106kPa (700 - 1,060 mbar)
Conforming standard	IEC61010-2-020
Speed setting range	200 - 3,700 rpm 10 rpm step seconds: 1
Timer setting range	second step minutes: 1 minute step hour: 1 hour step Hold
Program memory	99 channels at the maximum (3 for direct invocation using the panel button)
Acceleration/deceleration	2 ways of switching



Kubota has acquired ISO 9001 and ISO 13485 certification.

Precautions for use

Products in this catalogue are designed for use only by people who have the requisite technical knowledge, and must always be used with considerable care and only for their intended purpose. People who do not have adequate technical knowledge or training should only use the products under appropriate supervision by someone with expert knowledge, or else accidents are likely to occur.



Prohibited

Please immediately stop using the products in any of the cases listed on the right.

- The rotor or buckets appear to be damaged or corroded.
- When the replacement period (years of operation, operating lifetime) of a rotor has passed.
- The equipment emits a burning smell or becomes abnormally hot.
- You receive a weak electric shock when you touch the equipment with your bare hands.
- When any other abnormality or indication of failure is noticed.

IMPORTANT

If any of the cases listed at the left occurs, immediately turn off the power, disconnect the power cable plug or connecting terminals from the main power outlet, place a "Do not use" sign on the unit, and contact the nearest branch of Kubota Corporation.



Safety Precautions

To use the equipment safely, be sure to read the instruction manual carefully before you start operations.

Do not misplace the instruction manual. Keep the instruction manual nearby so that you can refer to it whenever necessary.



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