

Benchtop Centrifuge

PlateSpin3



■ Easy spin down for many types of plates including PCR and deep-well plates

This model is especially efficient in removing air bubbles in wells or water droplets on walls of the plate.

■ 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 you that there is an imbalance.

■ Rapid and simple spin down with the flashing function

The rotor rotates only while the START key is pressed.

■ Various beep sounds can be selected depending on your preference

The beep for completing operations 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's safety by retaining fragments within the centrifuge in case of the rotor breakage during centrifugation.




2 x 96-hole PCR plates



6 x microplates



2 x deep-well plates

 Rotors must be replaced when reaching the given 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 | 110/115V 2.0A, 220/230V 1.0A | |
| Usage environment | Temperature: 10 - 35°C | |
| | Humidity: 30 - 85% | |
| | Atmospherics pressure: 70 - 106kPa (700 - 1,060 mbar) | |
| Conforming standard | IEC61010-2-020: 110/115V model CE Marking: 220/230V model | |
| Speed setting range | 200 - 3,700 rpm | |
| | 10 rpm step | |
| Timer setting range | seconds: 1 second step | |
| | minutes: 1 minute step | |
| | hours: 1 hour step | |
| | Hold(infinite) | |
| Program memory | 99 memories (including 3 direct keys on the panel) | |
| Acceleration/deceleration | 2-step 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 expertise, 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 plug or connecting terminals from the main power outlet, place a "Do not use" sign on the unit, and contact your nearest distributor.



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.

- The term of supplying spare parts for repair is 7 years after discontinuation of production (except unprocurable spare parts).
- This catalogue is not for distribution in the USA, Canada and Mexico as products shown are not for sale in these countries.

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