

Tabletop High-Speed Micro Centrifuges



CT15RE



CT15E



himac CT SERIES

Hitachi Tabletop Centrifuge

CT15RE/CT15E

Comfortable safety and compact design. Quiet and biosafety operation.

Exceptionally low noise

himac CT15E tabletop centrifuge has lower noise level in its class(50 dB or less). The operating noise is suppressed and the sample temperature rise is prevented effectively as a result of the CAE analyses including the latest fluid analysis.

Safe and compact

himac CT15E and CT15RE tabletop centrifuges comply with the CE marking requirements to ensure safety even if a trouble occurs during operation. They are highly safe and compact thanks to the elaborate manufacturing without making compromises.

Environmental-friendly design

More recyclable, energy and resource saving than conventional models in the market. himac CT15E and CT15RE comply with Hitachi's environmental standards and are environment-friendly products.

Easy to use

The operation panel is easy to use. Up to three sets of operating parameters can be stored. In addition, the door is equipped with the automatic door closure system.

Autoclavable rotors

Three types of autoclavable rotors are available. These rotors are suitable for biosafety applications.

Model	CT15E	CT15RE
Maximum speed (rpm)	15,000	
Maximum RCF (x g)	21,500	
Maximum capacity	2 ml x 24 or 0.5 ml x 24 (When using the T15A62 angle rotor)	
Speed control range (rpm)	300 to 15,000 (in increments of 100)	
Temperature range adjustment (°C)	Not settable (air-cooling)	-20 (displayed "Lo") to +40
Timer	1 to 99 minutes. (in increments of 1 minute.) with a HOLD function (continuous operation)	
Acceleration/deceleration time variable	2-stage variable acceleration, 2-stage braked deceleration plus coasting deceleration	
Drive motor	Brushless DC motor (inverter control)	
Memory-based programmed operation	SPEED/RCF, TIME, TEMP (CT15RE only), ACCEL, DECEL and stop melody	
Rotor stop signal	Selectable from 5 types of stop melodies, beep and mute	
Safety devices	Door interlock, dual overspeed detector, imbalance detector, abnormal motor temperature detector, etc.	
Compliance with standards	CE marking (EN61326, 61010-1, 61010-2-020)	
Heat radiation	300W	500 W
Power requirements	AC120V ±10%, 60Hz 15A	
	AC220-240V ±10% 50/60Hz 10A	AC220/230V ±10% 50Hz 10A AC220V ±10%, 60Hz10A
Dimensions	240 (W) x 320 (D) x 250 (H)	290 (W) x 520 (D) x 300 (H)
Weight	17	40

Rotors

T15A61 (plastic cover attached)



Max. speed (rpm)	15,000
Max. RCF	21,500 x g
Tube capacity (ml x tubes)	1.5 ml/2 ml x 24

T15A62 (shield cover attached)



Max. speed (rpm)	15,000
Max. RCF	21,500 x g
Tube capacity (ml x tubes)	1.5 ml/2 ml x 24 0.5 ml x 24

T15A63 (shield cover attached)



Max. speed (rpm)	15,000
Max. RCF	21,500 x g
Tube capacity (ml x tubes)	0.2 ml x 32 (For PCR tube)

*1. Standard plastic cover of T15A61 is not autoclavable.

*2. The plastic cover is a standard accessory. The shield cover ass'y (optional accessory, S308839B) is required when using these rotors for biosafety applications.