

Tabletop High-Speed Micro Centrifuges

Comfortable safety and compact design.
Quiet and biosafety operation.

CT15E/CT15RE



CT15RE
CE



CT15E
CE

Exceptionally low noise

himac CT15E tabletop centrifuge has the lowest 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 satisfy 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.

Eco products

More recyclable, energy and resource saving than ever. himac CT15E and CT15RE offer environmentally friendly performance.

Easy to use

The front 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 can be used for biosafety applications safely.

■ CT15E/CT15RE rotor



**T15A61
(plastic cover attached)**

15,000 rpm
21,500 x g
1.5 ml / 2 ml x 24
Autoclavable (Except plastic cover)
(Biosafety cover is option)



**T15A62
(cover attached)**

15,000 rpm
21,500 x g
1.5 ml / 2 ml x 24 / 0.5 ml x 24
Autoclavable
Applicable to biosafety



**T15A63
(cover attached)**

15,000 rpm
21,500 x g
0.2 ml x 32 (For PCR tube)
Autoclavable
Applicable to biosafety

SPECIFICATIONS

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 rpm)			
Temperature range adjustment	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%		AC220/230V ± 10% 50Hz 10A	
	50/60Hz 10A		AC220V ± 10%, 60Hz10A	
Dimensions	240 (W) x 320 (D) x 250 (H)		290 (W) x 520 (D) x 300 (H)	
Weight	17		40	

Part No.	Model and name	Remark
90560601	CT15E tabletop centrifuge	AC 220-240 V, 10A, 50/60 Hz
90560602	CT15E tabletop centrifuge	AC 120 V, 15A, 60 Hz
90560701	CT15RE tabletop centrifuge	AC 220-230 V, 10 A, 50 Hz AC 220 V, 10A, 60 Hz
90560702	CT15RE tabletop centrifuge	AC 120 V, 15 A, 60 Hz
90591900	T15A61 angle rotor	2 ml x 24 tubes
S308839B	Shield cover ass'y	Specifically designed for the T15A61 angle rotor
90592000	T15A62 angle rotor	2 ml tube x 24 or 0.5 ml tube x 24
90592100	T15A63 angle rotor	0.2 ml tube x 32 (8 series tube x 4)

* 1. Every rotor is autoclavable at 121 for 20 minutes.
* 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.