

8. Specifications

	CT15E	CT15RE
Maximum speed	15,000 rpm	
Maximum RCF	21,500 × g	
Maximum capacity	2 ml x 24 tubes + 0.5 ml x 24 tubes (T15A62 rotor)	
Range of speed control	300 to 15,000 rpm in 100-rpm increments	
Temperature	This centrifuge is not equipped with the refrigerator.	-20 to 40 °C ("Lo" is displayed as -20 °C)
Timer	1-99 minutes (in 1-minute intervals) with HOLD function	
Acceleration/deceleration control	2-stage variable acceleration control, 2-stage braked deceleration, plus coasting deceleration control	
Driving motor	Brushless DC motor (inverter-controlled)	
Memory-based programmed operation	Selectable three programmed operations (SPEED/RCF, TIME, TEMP (only CT15RE), ACCEL, DECEL, and rotor stop signal)	
Rotor stop signal	Selectable from seven kinds of sounds including five tunes, electronic beep, and no sound	
Safety devices	Door interlock, dual-overspeed detector, imbalance detector and detector for over-temperature of motor	
Applicable standard	CE marking	
Heat dissipation	300 W	500 W
Power requirements	220-240 V instrument: 198-264 V AC, 10 A, 50/60 Hz	220-230 V instrument: 198-253 V AC, 10 A, 50Hz ; 198-242 V AC, 10 A, 60Hz
Dimensions	240 (W) × 328 (D) × 254 (H) mm	290 (W) × 538 (D) × 307 (H) mm
Weight	17 kg	40 kg
Ambient temperature	Ambient Temperature Range : 2 °C - 32 °C Ambient Temperature Range for performance guarantee : 15 °C - 25 °C	



The CT15E/CT15RE centrifuges satisfy CE marking requirements. The CE marking is an international symbol, which shows that the product conforms to EC directives.

Standards concerning these directives are as follows:

- Product Safety (EN61010-1 and EN61010-2-020)
 - Environment requirements:
 - indoor use;
 - altitude up to 2000 m;
 - maximum relative humidity of 80 % for temperature up to 31 °C decreasing linearly to 50 % relative humidity at 40 °C;

Pollution degree	2
Installation category	II

- Electromagnetic compatibility (EN61326)