

## Specifications

Model	AX-521	AX-511	AX-501
Maximum Speed	10,000rpm		
Maximum RCF	11,740G		
Maximum Capacity	2ml x 96 Deepwell plate x 8	1,000ml (250ml x 4)	
Control System	Microprocessor control (feedback system)		
Drive Motor	Induction motor		
Drive System	Flex-Spin drive system (Direct drive with an automatic alignment function)		
Data Entry	Jog Dial equipped with an <ENTER> button		
Temperature Setting Range	-9 to 35°C (1°C increments)		
Speed Setting Range	100 to 10,000rpm (100rpm increments)		
RCF Setting Range	10 to 11,740G (10G increments for the range less than 300G, 100G increments for the range over 300G)		
Time Setting Range	From 10 sec to 50 sec, in 10 sec increments, from 1 min to 99 min, in 1 min increments or <F--> for free		
Safety Devices	<ul style="list-style-type: none"> <li>• Imbalance detector • Lid interlock • Lid open/close detector</li> <li>• Abnormal speed detector • Over-current circuit breaker</li> <li>• Rotor identification system • Motor over-current detector</li> <li>• Abnormally high or low chamber temperature detector</li> </ul>		
Additional Functions	<ul style="list-style-type: none"> <li>• Three-step acceleration characteristics selection • Three memory function</li> <li>• Three-step deceleration characteristics selection • BART Code selection</li> <li>• FLASH (momentary spin) function • Memory function for last run parameters</li> <li>• Power saving (ECO) mode</li> </ul>		
Refrigerant	HFC R404A (270g)	HFC R404A (260g)	HFC R404A (250g)
Rated Current	120V : 12A 220/230/240V : 6A	120V : 10A 220/230/240V : 5A	
Power Requirements	1-Phase 50/60Hz AC120V 15A, 1-Phase 50/60Hz AC220/230/240V 8A		
Power Consumption (Heat output)	970W (834kcal/h)	960W (826kcal/h)	760W (654kcal/h)
Breaker	Rated breaking current 120V : 15A, 220/230/240V : 7.5A		
Protection Against Electric Shock	Class I		
Dimensions (except protruding portion)	540W x 597D x 858H mm (table height; 750mm)	510W x 567D x 858H mm (table height; 750mm)	462W x 540D x 858H mm (table height; 750mm)
Net Weight	111kg (120V) 116kg (220/230/240V)	107kg (120V) 112kg (220/230/240V)	99kg (120V) 104kg (220/230/240V)
Environmental Requirements	Ambient temperature range:10 to 35°C, Relative humidity:30 to 85%, Atmospheric pressure:700 to 1,060hPa, Intended exclusively for use indoors, Overvoltage category: II, Pollution degree: 2		
Accessories Included	Operator's manual x1 copy, BART Code table x1pc, Clear storage case for operator's manual x1pc, Attaching screw for clear storage case x1pc, Digital Warranty Information x1 copy, Spanner x1pc, Level gauge x1pc, Rotor locking knob x1pc, Drain plug x1pc, Power cord x1pc.		

# TOMY

## Low Speed Refrigerated Centrifuge

# AX Series



AX-521



AX-511



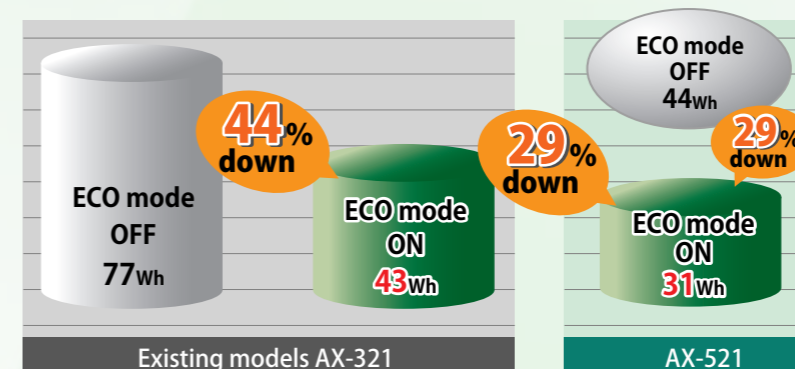
AX-501

## ECO mode



TOMY AX-Series is equipped with the power-saving [ECO] mode, reducing standby power consumption.

An overall increase in cooling efficiency allows for drastic reduction in energy usage during normal operation.



Measurement conditions: Set to 4°C at an ambient temperature of 25°C while centrifugation is stopped. (Rotors in use: AX-521/AX-321: TS-37C+3750-TC06P) The values shown above are average values obtained by measuring the units.

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