

Refrigerated | High speed | Benchtop



Order No.:0104010000

TGL-16S

FEATURES

<p>— User-friendly functions</p> <ul style="list-style-type: none"> >12 user-defined programs >40 rates acceleration and deceleration >up to 99h59m timer range >RCF can be set directly. >LCD&LED screen show parameters simply and clearly >Water-proof touch key pad,each parameter has corresponding button to set >User can reset parameters when rotor is spinning 	<p>— Refrigeration</p> <ul style="list-style-type: none"> >Good compressor unit >-20°C to +40°C ,1°C increment >±1°C high temperature accuracy >CFC-free refrigerant >Temperature sensor inside the chamber >Starts refrigeration when power on >Maintains refrigeration after spin
<p>— Ensure safety</p> <ul style="list-style-type: none"> >Automatic rotor recognition to prevent overspeed >Imbalance detection by three axis gyroscope >Motorized electronic door lock >Door cannot be opened when rotor is spinning >Gas hinge to prevent door falling >Port in the door for calibration and operation checking >Emergency door lock release >Various protections to ensure safe centrifugation 	<p>— Good components</p> <ul style="list-style-type: none"> >Motor: Bruhsless variable frequency motor. stable running,maintenance free,long life >Housing: Thick and strong steel >Chamber: 316 stainless steel with teflon coating. anticorrosion and easy to clean >Rotor: Aluminum alloy rotor >Rotors are autoclavable

TECHNICAL DATA

Max Speed	16500rpm
Max RCF	21630xg
Max Capacity	12x10ml
Temperature Range	-20°C ~ +40°C
Temperature Accuracy	±1°C
Speed Accuracy	±10rpm
Time Setting	1m ~ 99h59m/Pulse
Noise	≤60dB(A)
Voltage	220v/110v
Power Consumption	1200w
Dimension	420x625x370mm
Weight	53kg

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020200	16500rpm/19000×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml	0494020600	15000rpm/21630×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	48×1.5/2ml	0494020900	12000rpm/15970×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	12×5ml	0494030200	15000rpm/18270×g	12×1×1.8ml frozen storage tube	1101020002
				12×1×2ml frozen storage tube	1101020004
				12×1×2ml	1101020001
	12×10ml	0494040200	12000rpm/13310×g	12×1×2ml	1101030001
				12×1×5ml	1101030002