TG-18S Table Top High Speed Centrifuge (Touch Screen Controller)

Desktop High-Speed Centrifuge Series,Ideal for room-temperature centrifugal purification and concentration of intracellular chemicals, microorganisms, viruses, subcellular structures and bacterial bodies in animal and plant molecular biology.

◎Characteristics:

- Large-torque brushless frequency-conversion motor.
- Automatic electric suction door lock with emergency release (patent); self-check protection for door lock, overspeed and unbalance.
- Microcomputer-controlled HD touch screen "Intelligent System" - displays set and real-time parameters (speed, RCF, time, rise/fall rates, rotor no., door status, etc.)
- Patented spring cone sleeve locks rotor 360°.
- Low noise and low temperature rise (patent).
- Stores up to 100 programs; 9 acceleration and 10 deceleration rates.
- All-steel construction with stainless steel chamber; multi-layer protection and three-stage vibration reduction.
- Optional magnetic rotor auto-recognition to prevent misoperation and over speed.
- Certified: ISO9001, ISO13485, ISO14001, CE and other certification.



◎TG-18S Technical Parameters:

Max Speed	18500rpm	Max RCF	23990×g
Max Volume	6×100ml Angle rotor	Speed Accuracy	+10rpm
Timer	1s~99h59min59s	Noise	⩽62dBA
Power supply	AC110/220V,50/60HZ	Net Weight	42kg
Dimension	510×370×320mm	Package	715×435×420mm,51kg

◎TG-18S Matched Rotors:

Rotor No.	Rotor Type	Max Speed	Max Volume	Max RCF
TG-18S-01	Angle rotor	15000rpm	30×0.5ml	18510×g
TG-18S-02	Angle rotor	14000rpm	40×0.5ml	19970×g
TG-18S-03	Angle rotor	18500rpm	12×1.5/2ml	23990×g
TG-18S-04	Angle rotor	15000rpm	24×1.5/2ml	20600×g
TG-18S-05	Angle rotor	13500rpm	30×1.5/2ml	19340×g
TG-18S-06	Angle rotor	13000rpm	48×1.5/2ml	17930×g
TG-18S-07	Angle rotor	15000rpm	16×5ml	19350×g
TG-18S-08	Angle rotor	14000rpm	12×7ml	16370×g
TG-18S-09	Angle rotor	14000rpm	6×10ml	16460×g
TG-18S-10	Angle rotor	12000rpm	12×10ml	14510×g
TG-18S-11	Angle rotor	11000rpm	8×15ml	12730×g
TG-18S-12	Angle rotor	10000rpm	12×15ml	11840×g
TG-18S-13	Angle rotor	12000rpm	8×20ml	14510×g
TG-18S-14	Angle rotor	12000rpm	6×30ml	14000×g
TG-18S-15	Angle rotor	12000rpm	6×50ml	16050×g
TG-18S-16	Angle rotor	7000rpm	8×50ml	6190×g
TG-18S-17	Angle rotor	10000rpm	4×100ml	10310×g
TG-18S-18	Angle rotor	10000rpm	6×100ml	11380×g
TG-18S-19	Angle rotor	5000rpm	24×15ml	3500×g
TG-18S-20	Swing Rotor	15000rpm	4×5ml	19920×g
TG-18S-21	Swing Rotor	4000rpm	2×3×48 well	2300×g