



Desktop high and low speed refrigerated centrifuge



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Core Advantage

After 10 years of research and development results, the first domestic carbon nano-nylon composite material (NCP) patent turned the head

The material of the rotating head is super light, high strength, slow heat conduction and strong corrosion resistance

Intelligent temperature control system, 4°C-40°C range can accurately temperature control

Small volume of 67*47*31 (cm) to save the table space

Superfast refrigeration, from room temperature 25°C-4°C, 6min

Professional microplate hanging basket design, available for special aircraft

Nano ceramic coating centrifugal cavity corrosion and rust

Darsun Scientific

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DS 3020R

It is suitable for bioengineering, biochemistry, molecular biology, genetic engineering, agriculture and forestry science hospital medicine, disease control (blood, urine, saliva) and other scientific research laboratories. Samples treated with 2-250ml were best isolated.

-  The whole machine is made of T45 high strength steel and formed by one stamping
-  With the NCP rotor 1 lap to switch the cover
-  Unexpected power failure door opening device , to protect the safety of samples
-  99 sets of custom program storage optional USB data export function
-  Use environmentally refrigerant refrigerant , constant low temperature
-  Grade 3 rubber damping automatic balance
-  High-definition touch screen operation, simple and smooth
-  Multiple centrifugal functions (poor time, gradient, dot movement ,timing centrifugation)
-  10 levels of acceleration and deceleration rate control, soft start / stop technology to avoid secondary mixing

Model	DS-3020R
Maximum speed	20000rpm
Maximum relative centrifugal force	29060xg
Max. capacity	4×250ml
Aggregate capacity	1200W
Total noise of centrifuge	≤60dB(A)
Support power supply	AC220±22V 50Hz 10A
Timed range	1s-99min59s/1min-99h99min
Temperature setting range	-20°C-40°C
Temperature accuracy	±1.0°C
Speed accuracy	±10rpm
Outline dimension	67×47×31 (cm)
Net weight	65kg
Packing measurement	76×56×48 (cm)
Tare	73kg
Host order number	08143201

Advanced turning design

The oval hanging cup adopts the aerodynamic design to reduce the wind resistance and save energy consumption.

Multiple types of adapters are available for centrifugation of cell samples and blood samples.

Optimized design of rotor holes and adapters to provide optimal protection for high-speed centrifugation tubes.

Integrated molding horizontal bracket, using anti-corrosion coating process.



AI-4-F250

picture	Turn head number	capacity (ml)	Max speed (rpm)	Max rcf (xg)	Centrifugation Angle	number of order
	FNCP-45-122	12x1.5/2	20000	29060	45°	HNR011200020
	FNCP-45-242	24x1.5/2	15000	22387	45°	HNR012400020
	FNCP-45-362	36x1.5/2	15000	22262	45°	HNR013600020
	FNCP-45-482	48x1.5/2	12000	16260	45°	HNR014800020
	FNCP-45-185	18x5(round bottom)	15000	24148	45°	HNR011800050
	FNCP-45-1210	12x10(round bottom)	13000	20500	45°	HNR011200100
	FNCP-30-1215	12x15 (tip)	12000	18594	30°	HNR011200150
	Adapter	12x5 round bottom	12000	18594		A011200150

picture	Turn head number	capacity (ml)	Max speed (rpm)	Max rcf (xg)	Centrifugation Angle	number of order
	FNCP-30-650	6×50 (pointed / round bottom)	12000	17146	30°C	HNR010600500
	Adapter	6×15 (tip bottom)	12000	17146		A6005006015
	Adapter	6×10 (round bottom)	12000	17146		A6005006010
	FNCP-30-6100	6×100 (round bottom)	11000	15354	30°C	HNR010601000
	Adapter	6 x 50 (pointed bottom)	11000	15354		A6010006050
	Adapter	6×15 (tip bottom)	11000	15354		A6010006015
	AIH-8-15	Horizontal disc rotor 8x15 (pointed bottom)	4000	2200		LNR020800150
	AIH-16-15	Horizontal disc rotor 16x15 (pointed bottom)	4000	2200		LNR021600150
	AI-4-120	Horizontal head turn 4 x 120	4000	2683		LNR020401200
	Adapter	4x50 (pointed bottom)	4000	2683		A4120004050
	Adapter	8×15+8×1.5	4000	2683		A4120008015
	AIH-4-250	4×250 (round bottom)	4000	3100		LNN020402502
	Adapter	4×4×50 (tip)	4000	3100		A4250016050
	Adapter	4×8×15 (tip bottom)	4000	3100		A4250032015
	Adapter	4×8×10 (round bottom)	4000	3100		A4250032010
	Adapter	4×14×5 (round bottom)	4000	3100		A4250056005
	Adapter	4×14×1.5/2 (pointed bottom)	4000	3100		A4250056002
	Adapter	4×10×10 (collection)	4000	3100		A4250040010
	Adapter	4 x 18 x 5 (sampling tube)	4000	3100		A4250072005
	AI-4-96ES	The plate rotor is 2x2x96 holes	4000	2300		LNR020202961