

# Hunan Kecheng Instrument Equipment Co.,Ltd

## DT45C Low Speed Table Centrifuge



### Product Features:

#### Intelligent control system

- ◆ Five groups of programs with humanized design.
- ◆ Program group shortcut key, can store 99 groups of program , convenient to call at any time.
- ◆ Automatic electronic door lock.
- ◆ With instantaneous and continuous centrifugation functions.

#### Excellent kernel performance

- ◆ HD large LCD display and the parameters can be revised during operation without shutdown.
- ◆ Microcomputer control ,AC frequency conversion brush-less motor with fast speed and stable operation.
- ◆ 10 gears acceleration /deceleration with linear drive.
- ◆ Two modes can be set: start timing/arrival revolution timing.

#### Careful and safe

- ◆ With rotor automatic identification system .

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- ◆ Over speed,over heat,unbalance protections with auto lid lock.
- ◆ Steel Structure,centrifuge chamber made of stainless steel with Environmentally friendly anti-corrosion coating treatment.

## Intimate detail design

- ◆ Special noise reduction system.
- ◆ An intimate tool rack is provided for accompanying tools to guard the instrument at all times.
- ◆ With an operation SOP guide map, which makes it easier and more standard for laboratory workers.
- ◆ Equipped with rotor lid that can be quickly locked for easy use.

## Technical Parameter:

Model	DT45C		
Max Speed	5500rpm	Power	1000W
Max RCF	5952×g	Noise Level	≤ 62dB (A)
Max Capacity	4×750ml	Size	580×465×395 (mm)
Timer	1s~99h59min	Net Weight	61kg
Revolutions/min	±10r/min	Rotor automatic recognition	Yes
Voltage	AC 220±22V 50Hz 10A or custom	/	/

## Rotor parameters:

Rotor Name	Rotor NO.	NO.	Capacity	Max Speed (r/min)	Max RCF (×g)
Angle rotor (W)	1	1	40×15ml	5500rpm	5952×g
Angle rotor (W)	2	2	6×50ml	5500rpm	3645×g
Swing-out rotor	3	3	96×2~7ml (Blood collection tube)	4000rpm	3184×g
		4	100×2~7ml (Blood collection tube)	4000rpm	3184×g
		5	120×2~7ml (Blood collection tube)	4000rpm	3184×g

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Swing-out rotor	4	6	4×750ml (Round bucket)	4000rpm	3309×g
		7	4×750ml (Round bucket) / (with biosafety lid)	4000rpm	3309×g
		8	4×750ml (Square bucket)	4000rpm	3309×g
Swing-out rotor	5	9	4×500ml (Round bucket)	4000rpm	3184×g
		10	4×500ml (Round bucket) / (with biosafetey lid)	4000rpm	3184×g
		11	4×500ml (Square bucket)	4000rpm	3184×g
		12	4×500ml Sharp bucket (Corning tube)	4000rpm	3184×g
Swing-out rotor	6	13	4×250ml (Round bucket)	4000rpm	3040×g
		14	4×250ml (Round bucket) / (with biosafety lid)	4000rpm	3040×g
		15	4×250ml (Square bucket)	4000rpm	3040×g
		16	4×250ml Sharp bucket (Corning tube)	4000rpm	3040×g
		17	6×250ml (Round bucket)	4000rpm	3040×g
Swing-out rotor body	6	18	Swing-out rotor body 4×250ml		
Pipe rack	6	19	56×5ml (Blood collection)	4000rpm	3040×g
		20	16×50ml (Conical/round bucket)	4000rpm	3040×g
		21	36×15ml	4000rpm	3040×g
Swing-out rotor	7	22	Micro-plate 4×2×96 hole	4000rpm	2763×g
Swing-out rotor Square basket	7	23	Square bucket include: Adapter 4×10×15ml (conical bottom) Adapter 4×4×50ml (conical bottom)	4000rpm	2763×g
Swing-out rotor	8	24	Micro-plate 2×2×96 hole	4000rpm	2057×g
Swing-out rotor	9	25	4x100ml	5000rpm	4390×g

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## Hunan Kecheng Instrument Equipment Co.,Ltd

\* All products can be customized, designed and produced according to customer requirements.

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