

VITANIX HIGH SPEED REFRIGERATED CENTRIFUGE VCR-16K



HIGH SPEED REFRIGERATED CENTRIFUGE

VCR-16K

OVERVIEW

Microprocessor controlled Refrigerated centrifuges used in auxiliary laboratories in industry, colleges & research institution, bio-technology, medical laboratories, hospitals pharmaceutical laboratories with a broad well chosen rotors.

Features & Benefits

- High Speed: 16000rpm
- Wide variety of rotors & reduction adaptors
- Steel centrifuge body and 304# stainless steel chamber are autoclaveable and resistant detergents and disinfection liquids
- Precise temperature control up to -20°C
- Pre-cooling feature
- Brushless Induction motor with frequency drive ensures gentle start
- Microprocessor based unit with alpha numeric LCD display, self-diagnosis of errors, automatic troubleshooting with indication of error code and alarm on the screen
- Parameters setting through easy to use control panel keys
- CFC free refrigeration system
- 30 program memory
- 1— 10 profiles of accelerations / deceleration
- Choice of rpm / rcf setting & display
- Operating panel with feather touch keys
- Digital countdown timer 0-99 minutes
- Last set parameters recall (useful for repetitive analysis)
- Automatic door opening
- Coded- rotor identification
- Safety lid interlock to prevent lid opening during centrifugation imbalance detection & centrifugation stop with display of error
- Motor overload protection
- Gas spring to prevent falling of door
- Emergency lid lock release



Technical Parameters

MODEL VCR-16K

SPEED RANGE	0-16000 rpm adjustable	POWER SUPPLY	AC220-240V,50/60HZ,10A,0.8KW
RCF RANGE	0-17800xg adjustable	TIME RANGE	1-99min adjustable
MAX CAPACITY	4*100ml	DISPLAY	LCD
NOISE	≤58dBA	SPEED ACCURACY	±20rpm
TEMP RANGE	-20°C	ACC/DEC	1-10
TEMP ACCURACY	±2°C	NET WEIGHT (WITHOUT ROTOR)	75kgs
DIMENSION	620*500*350mm		



R-1 Capacity:12x0.5ml
Max speed:16000rpm
Max RCF:17800xg
Adapter:12x0.2ml



R-2 Capacity:12x1.5ml/2.2ml
Max speed:16000rpm
Max RCF:17800xg
Adapter:12x0.2ml



R-3 Capacity:24x1.5ml/2.2ml
Max speed:15000rpm
Max RCF:20920xg
Adapter:24x0.2ml



R-4 Capacity:30x1.5/2.2ml
Max speed:13500rpm
Max RCF:15310xg
Adapter:30x0.2ml



R-5 Capacity:48x0.5ml
Max speed:13000rpm
Max RCF:19910xg
Adapter:48x0.2ml



R-6 Capacity:48x1.5/2.2ml
Max speed:11000rpm
Max RCF:12875xg
Adapter:48x0.2ml



R-7 Capacity:32x0.2ml PCR
Max speed:14000rpm
Max RCF:13500xg



R-8 Capacity:2x2x48 micro plate
Max speed:4000rpm
Max RCF:1505xg



R-9 Capacity:10x5ml
Max speed:14000rpm
Max RCF:13610xg
Adapter:10x0.2ml
Adapter:10x0.5ml
Adapter:10x1.5/2.2ml



R-10 Capacity:10x15ml(Conical)
Max speed:11000rpm
Max RCF:13960xg
Adapter:10x0.2ml
Adapter:10x0.5ml
Adapter:10x1.5/2.2ml



R-11 Capacity:12x15ml(Round)
Max speed:11000rpm
Max RCF:13960xg
Adapter:12x0.2ml
Adapter:12x0.5ml
Adapter:12x1.5/2.2ml



R-12 Capacity:6x30ml
Max speed:12000rpm
Adapter:6x0.2ml
Adapter:6x0.5ml
Adapter:6x1.5/2.2ml
Adapter:6x10ml



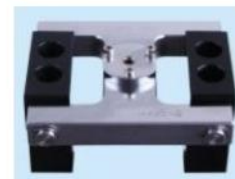
R-13 Capacity:6x50ml
Max speed:11000rpm
Max RCF:13280xg
Adapter:6x0.2ml
Adapter:6x5ml
Adapter:6x20ml
Adapter:6x0.5ml
Adapter:6x10ml
Adapter:6x30ml
Adapter:6x1.5/2.2ml
Adapter:6x15ml
All can be custom made



R-14 Capacity:4x100ml
Max speed:10000rpm
Max RCF:13280xg
Adapter:4x0.2ml
Adapter:4x5ml
Adapter:4x20ml
Adapter:4x0.5ml
Adapter:4x10ml
Adapter:4x30ml
Adapter:4x1.5/2.2ml
Adapter:4x15ml
Adapter:4x50ml



R-15 Capacity:12x10ml
Max speed:11000rpm
Max RCF:10710xg
Adapter:12x0.2ml
Adapter:12x0.5ml
Adapter:12x1.5/2.2ml



R-16 Capacity:4x10ml
Max speed:6000rpm
Max RCF:4800xg



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