



# Supra 22K

## High Speed Centrifuge



### The Supra 22K Overview

#### Technology

Smooth and quiet running Extraordinary speed stability  
 Brushless maintenance-free AC Induction drive  
 Display of abnormality : imbalance, over speed,  
 over temperature, door open  
 Acceleration : 10steps  
 Deceleration : 10steps

#### Performance

Large capacity 4x1,000ml (nalgene tubes) Hig RCF Up  
 to 53,029 with standard tubes.  
 Efficient cooling Controllable from -20°C to 40°C  
 100running programmes can be stored And recalled.  
 Pre-Cooling Spin-Down/Free-run.

#### Safety

Housing and lid of metal for stability centrifuging  
 chamber and inner lid cover of stainless steel.  
 Additionally steel-armoured centrifuging chamber easily  
 exchangeable rotors.  
 Auto Rotor recognition imbalance switch-off Lid locking  
 and holding during rotor run emergency lid lock release  
 ergonomic acces Height For Easy Rotor Loading.  
 The fully developed up-to-date control panel meets the  
 requirements of the users and is extremely easy to  
 operate.  
 Entry of the parameters is fast, precise and convenient  
 with selecting keys on the water-protected keypad.

The large LCD display is well readable.  
 During centrifugation the actual values of the  
 parameters are indicated.  
 The parameters remain in the memory even after the  
 centrifuges has been switched off.



#### Design

Ergonomically arranged control and display  
 Dimension: 640(W) x 630(D) x 840(H)/mm  
 Weight: 230kg



The high speed centrifuge SUPRA 22K impress by state-of-the-art technology, large capacity, extremely easy handling and exceptionally smooth and quiet running.

Accommodating a multitude of tubes used in today's Laboratory routine the SUPRA 22K type of centrifuge Enable a wide range of application. Developed for high efficiency SUPRA 22K is mainly Employed in diagnostics, cell culture, genetics research and Microbiology.

## Technical Specification

Speed RPM	Input in increments of 1	<p>Hanil manufactures high quality centrifuges all stages from design to end product are continuously subjected to the strictest controls.</p> <p>Evidence of conformance with national regulations such as KGMP is provided by corresponding certificates.</p> <p>The ISO 13485(Medical) &amp; ISO9001 certificate accredited to the company Bears witness to the extreme care and responsibility Hanil puts into the manufacture of centrifuges and their accessories.</p>
Relative centrifugal force RCF	Input in increments of 1	
Change-over RPM/RCF	By entering the rotor RPM, the centrifuge calculates and indicates RCF.	
Running time	Inputs of acceleration and braking ramps in levels 0-9 or unbraked run down	
Temperature	With the refrigerated model input in increments of 1°C within a range of -20°C to +40°C	
Memory	100 running programmes can be stored and recalled.	

\* Please note that technical specifications subject to change.

## Rotor Specification

Rotor Model	Tube Capacity	Max., RPM	Max., RCF	Rotor Model	Tube Capacity	Max., RPM	Max., RCF
A1.5S-24	24x1.5/2.0ml	22,000rpm	42,748xg	A50S-8	8x50ml	22,000rpm	53,029xg
A1.5S-36	36x1.5/2.0ml	18,000rpm	31,876xg	A50S-6C	6x50ml	17,000rpm	29,564xg
A10S-12	12x10ml	22,000rpm	45,995xg	A85S-6	6x85ml	20,000rpm	44,273xg
A10S-24	24x10ml	20,000rpm	44,720xg	A85S-10	10x85ml	15,000rpm	30,438xg
A15S-12	12x15ml	22,000rpm	52,488xg	A250S-6	6x250ml	12,000rpm	20,929xg
A15S-12C	12x15ml	17,000rpm	32,310xg	A500S-6	6x500ml	9,000rpm	14,308xg
A50S-6	6x50ml	22,000rpm	51,406xg	A1000-4	4x1000ml	8,000rpm	12,021xg