



Microprocessor controlled



Large digital display



Imbalance detection



Multiple rotor options

**THE VERSATILE LAB GENIUS**

- Max capacity 4 x 100 ml (swing out rotor) delivers upto 4500 RPM
- Brushless DC motor for maintenance free long life
- Microprocessor controlled centrifuge with variable speed and time setting, along with last run memory function
- Single equipment for different work protocols with appropriate choice of rotors (Swing-out & Fixed angle)
- Imbalance detection and lid lock safety feature
- Digital display for easy setting and readability across multiple parameters
- Adjustable ramp & brake speeds (upto 9 speed selection)
- User programmable - user can set upto 99 programs
- Wide range of autoclavable rotors

Specifications	Description
Rotor Capacity (Max)	4x 100 ml
Max RPM / RCF(xg)	4500 RPM / 3485 x g (g varies as per rotor)
Motor Type	Brushless DC motor
Display	Digital display
Speed Setting	500 to 4500 RPM
Time Setting	30 secs to 99 mins & infinitemode
Lid Lock Safety	Yes
Imbalance Detection	Yes
Adjustable Ramp & Brake	Selection from 1 to 9
Dimension (L x W x H)	475 x 585 x 325 mm
Weight	23 kgs (without rotor)
Rotors (not included)	Multiple rotor options (Swing-out and Fixed angle)

\* Rotors have to be ordered separately

Description	Part Numbers
Multipurpose Laboratory Centrifuge, Speed 4500 RPM without Rotor	VWRA521-2822



**ROTORS FOR VWRA521-2822**

Rotor Type	Capacity	g-FORCE	Cat. No.
Swing Out Rotors	32 x 10ml	3164 x g	VWRA521-2872
	16 x 15ml	3485 x g	VWRA521-2860
	12 x 15ml	3485 x g	VWRA521-2861
	8 x 15ml	3440 x g	VWRA521-2862
	4 x 50ml	3485 x g	VWRA521-2858
	4 x100ml (with lid)	3164 x g	VWRA521-2857
	2 Micro plates	2355 x g	VWRA521-2863
	16 x 15ml	3144 xg	VWRA521-2868
	12 x 15ml	3144 xg	VWRA521-2869
	6 x 50ml	2644 xg	VWRA521-2866
Fixed Angle Rotors	4 x 50ml	2644 xg	VWRA521-2865
	4 x 100ml	2599 xg	VWRA521-2864
	24 x 15ml	2854 xg	VWRA521-2867
	30 x 15ml	2729 xg	VWRA521-2871



Microprocessor controlled



Large back-lit LCD display



Imbalance detection



Multiple rotor options

**THE REFRIGERATED VERSATILE LAB CENTRIFUGE**

- Brushless DC motor for maintenance free long life
- Microprocessor controlled enables digital variable speed and time setting with last run memory function
- Max capacity 4 x 100 ml delivers up to 4500 RPM
- Single equipment for different work protocols with appropriate choice of rotors (Swing-out and Fixed angle)
- Adjustable refrigeration temperature up to -10 °C
- Imbalance detection and lid lock safety feature
- Large back-lit LCD display for easy setting and readability across multiple parameters
- Adjustable ramp & brake speeds (up to 9 speed selection)
- User programmable (user can set up to 99 programs of 4 lines each)
- Separate refrigeration unit for easy maintenance
- Wide range of autoclavable rotors

Specifications	Description
Rotor Capacity (Max)	4 x 100 ml (fixed angle & swing out)
Max RPM / RCF(xg)	4500 RPM / 3485 x g (g varies as per rotor)
Motor Type	Brushless DC motor
Refrigeration Temperature	Up to -10 °C
Speed Setting	500 to 4500 RPM
Time Setting	30 secs to 999 mins & Infinitemode
Lid Lock Safety	Yes
Imbalance Detection	Yes
Dimension (L x W x H)	705 x 585 x 330 mm
Weight	<55 kgs
Adjustable Ramp & Brake	Yes (selection from 1 to 9)
Display	Large back-lit LCD display
Rotors (not included)	Multiple rotor options (swing out and fixed angle)*

\*Rotors have to be ordered separately

Description	Part Numbers
Multipurpose Laboratory Refrigerated Centrifuge, Speed 4500 RPM without Rotor, Refrigeration -10°C	VWRA521-2823



**ROTORS FOR VWRA521-2823**

Rotor Type	Capacity	g-FORCE	Cat. No.
Swing Out Rotors	32 x 10ml	3164 x g	VWRA521-2872
	16 x 15ml	3485 x g	VWRA521-2860
	12 x 15ml	3485 x g	VWRA521-2861
	8 x 15ml	3440 x g	VWRA521-2862
	4 x 50ml	3485 x g	VWRA521-2858
	4 x 100ml (with lid)	3164 x g	VWRA521-2857
	2 Micro plates	2355 x g	VWRA521-2863
	Fixed Angle Rotors	16 x 15ml	3144 xg
12 x 15ml		3144 xg	VWRA521-2869
6 x 50ml		2644 xg	VWRA521-2866
4 x 50ml		2644 xg	VWRA521-2865
4 x 100ml		2599 xg	VWRA521-2864
24 x 15ml		2854 xg	VWRA521-2867
30 x 15ml		2729 xg	VWRA521-2871