PRP CENTRIFUGE - PRP 2S-D

`eltek' CENTRIFUGE PRP 2S-D is designed for general laboratory applications like Pathology, Clinical Dermatology, Cosmetology and so forth where low volume and low speed centrifuging is called for. The Table Top centrifuge is provided with wide range of interchangeable rotor heads to choose depending on the application requirements in your lab.

TECHNICAL SPECIFICATIONS:

Housing	ABS molded housing with Poly Urethane coating mounted on corrosion resistant epoxy coated steel base.
Centrifuge Chamber	Aluminum chamber with corrosion resistant epoxy coating
Lid & Lid lock	Aluminum molded lid, easy lift and press lock. See through window for inspection and calibration.
Antiskid Rubber Feet	Centrifuge provided with antiskid rubber feet that keep the unit stead on the working table avoiding possibility of skidding in case of minor vibrations. The imbalance protection mechanism eliminates any major vibration.
Drive Motor	The centrifuge is provided with AC/DC Universal motor specifically designed and inhouse manufactured for the smooth and trouble free operation.
Speed & Speed Control	The drive system provided programable stepless speed in the range of 200 to 5000 RPM
Motor Mounting	The drive motor and the system mounted on Antivibrators ensure vibration free smooth centrifuging operation.
Choice of Rotor Heads	Wide range of rotor heads from 1.5 ml to 50 ml in Fixed Angle and Horizontal Swing out format is offered to choose depending on different applications in the lab.
Controls and displays	Control panel with soft touch key pad provided with microprocessor control system for programming required parameters and precise maintenance of programmed values.
Display	LCD display of set and working parameters on screen
Speed Control	Programmable speed settings in the range of 200 to 5000 RPM depending on the chosen rotor head. Precise speed setting with 10RPM increment provided. LCD display of working speed.
RCF Value	Display of working RCF value by selection
Preset Timer & at set start	Programmable timer with the rage of 1 to 99 minutes with 1 minute increment. Display of remaining time on screen. The timer start count down on attaining the set speed.
Acceleration / Deceleration	User programmable acceleration and deceleration time setting in the rage of 30 to 300 seconds in 1 second increment.
Program Memory	Last used program memory provided for ease of repeated operations.
Rotor Head Selection	The rotor head to be used can be selected and programmed from the system library on screen. This ensures positive selection and sensor errors. All rotor herds available for use with the centrifuge is listed in the system library.
Safety Features Provided Lid & Lid Lock	Appropriate safety featured are provided with the centrifuge.
Zero Start	In case of power failure, the safety system ensure the centrifuge to restart from zero speed upward to the set speed.
	Efficient anti vibrator mechanism ensure smooth working of the centrifuge. In case of loading error causing undue imbalance the imbalance safety system ensure switch off the drive. Error 'IMBALANCE' will be displayed on screen and buzzer alarm warning.
Over Speed Protection	The rotor selection and programing will ensure that the speed of the centrufuge do not exceed the maximum safety limit set for the specific rotor head. The centrifuge will not start unless the rotor head is selected and programmed.
Power Supply	220/230 Volts 50 Hz 1 Phase. Centrifuge supplied with 5 Amps 3 pin plug and safety fuse
Dimensions W x D x H	280 x 280 x 350 (mm)
Weight KGs	9.5 kg.

CHOICE OF INTERCHANGEABLE ROTOR HEADS FOR USE WITH PRP 2S-D CENTRIFUTGE

Model	No. of tubes x cap./ml	Type Rotor	Max. RPM	Max. RCF
TC 451	8 x 15	Swing Out	4000	2400
TC 452	8 x 15	Angle	5000	3450
TC 453	4 x 50	Swing Out	4000	2400
TC 454	4 x 50	Angle	5000	3650
TC 456	12 x 15	Angle	4000	2400
TC 457	4 x 50 (PRP Nakoda Tubes)	Swing Out	4000	2400
TC 458	24 x 1.5/2	Angle	5000	2300
TC 459	4 x 10 (PRP Tubes size...	Swing Out	4000	2400
TC 460	4 x 15 (PRP Tubes size...	Swing Out	4000	2400
TC 461	4 x 30 (PRP Tubes size...	Swing Out	4000	2400