

Oil Testing Centrifuge

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SC 6100 M



SC 2000

The range of centrifuge is specifically designed for use in Oil Testing for tests as per ASTM and IP standards. The unit is fabricated from steel and epoxy coated.

SC 2000

- Step less speed regulator.
- Digital speed Indicator.
- 1-99 minutes Digital timer & infinite mode.
- Zero Start interlock.
- Imbalance safety cut off.
- Safety Lid switch.
- Dynamic Brake.

SC 6100 M

- Micro Processor Control with Brush less low noise AC induction motor & variable frequency drive.
- Soft Touch keyboard.
- 99 program memory.
- Speed with 10 RPM increment.
- Timer with 1 minute increment.
- Programmable Acceleration / Deceleration (range 60-720 seconds).
- Selector switch for display of working speed/RCF value.
- Other indicators: remaining time, rotor in motion, imbalance, safety lid open.
- Safety Electrical and Mechanical lock with programmed emergency release mechanism.

Technical Data

(SC 2000 & SC 6100 M)

SC 2000 : (W) 505 mm x (D) 580 mm x (H) 525mm, Weight 70 Kg

Max. Speed : 3000 RPM, Max. RCF 1480 xg.

Max. Tube Size : 100 ml, Max. Capacity : 400 ml.

SC 6100 M : (W) 650 mm x (D) 700 mm x (H) 745mm, Weight 90 Kg

Max. Speed : 3000 RPM, Max. RCF : 1760 xg.

Max. Tube Size : 100 ml, Max. Capacity : 600 ml.



SC 2001 & SC 2002

Swing Out Rotor Heads with carriers suitable for use with Centrifuge Models SC 6100 M

Model	Capacity	Type of Tests	RPM	RCF
SC 6101 + SC 6102	6 Place S/O for 100 ml Pear shaped tubes	ASTM-D-96	3000	1760
SC 6101 + SC 6104	6 Place S/O for 100 ml Taper bottom tubes, sulfonation flask & bob cock bottles	ASTM-D-91, ASTM-D-96, ASTM-D-1796 ASTM-D-893, IP-75-57, ASTM-D-483, ASTM-D-484, ASTM-D-1019, IP-145	3000	1760

Swing Out Rotor Head with carriers suitable for use with Centrifuge Models SC 2000

Model	Capacity	Type of Tests	RPM	RCF
SC 2001 + SC 2002	4 Place S/O for 100 ml Pear shaped tubes	ASTM-D-96	3000	1480
SC 2001 + SC 2004	4 Place S/O for 100 ml Taper bottom tubes, sulfonation flask & bob cock bottles	ASTM-D-91, ASTM-D-96, ASTM-D-1796 ASTM-D-893, IP-75-57, ASTM-D-483, ASTM-D-484, ASTM-D-1019, IP-145	3000	1480

Standard Tests

Type of Tests	Specification	Recommended	
		Max. RPM.	Max. Time
Water & sediments in crude oil	ASTM-D-96	800	10 Mts.
Water & sediments in petroleum products	IP-75	800	10 Mts.
Water & sediments in fuel oils	ASTM-D-1796	800	10 Mts.
Precipitation number of lubricating oils	ASTM-D-91	700	10 Mts.
Stoddard solvent	ASTM-D-483	100	-
Olefinic plus aromatic hydrocarbons in petroleum distillates	ASTM-D-1019	400	15 Mts.
Olefinic plus aromatic contents	ASTM-D-893	700	20 Mts.
Unsulfonated residue of petroleum plant	ASTM-D-483	100	10 Mts.
Residue in liquified petroleum (L.P.)	-	800	10 Mts.
Trace sediments in lubricating oil	-	700	10 Mts.