

RC - 3024

Research Centrifuge



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

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►► **Microprocessor Research Centrifuges**

Compufuges model RC - 3023 & RC - 3024 are Microprocessor controlled centrifuges used in auxiliary laboratories in industry, Educational & Research institutions, Bio Technology, Medical Laboratories, Hospitals, Blood Banks, Pharmaceutical laboratories and agriculture soil testing for determination of moisture equivalent of soil. It is also suitable for determination of settlement of paints, pastes, cosmetics and food products. Centrifuge rotors & carriers are also suitable for use with variety of Falcon & Vacutainer tubes.

RC - 3023 & RC - 3024 have soft touch keypads for fast and accurate setting of run parameters. Basic runs are easy with setting of speed, time, temperature, brake, acceleration and deceleration. Press 'start' key and Compufuge does the rest for you.

Brushless induction motor with frequency drive & unique automatic rotor identification ensures accurate speed setting for individual rotors. Over current overheating safety cutoff circuit is provided for motor protection. Safety lid interlock on the centrifuge ensures that the rotor does not run with LID open while the LID cannot be opened unless rotor comes to complete halt.

►► **Salient Features**

- User friendly microprocessor control with LED display
- Menu driven ten programme memory
- Choice of high brake, low brake and coasting
- Imbalance detector with Auto cutoff
- Safety lid interlock to prevent cover opening during centrifugation
- Automatic unique safety rotor identification system
- Speed holding accuracy 100 RPM
- Self-diagnosis for errors

►► **Revolutionary Research Centrifuges**

R - 3023 & R 3024 centrifuges are widely used in auxiliary laboratories in industry, Educational & Research institutions, Bio Technology, Medical Laboratories, Hospitals, Blood Banks, Pharmaceutical laboratories, Agriculture & Soil testing for determination of moisture equivalent of soil. It is also suitable for determination of settlement of paints, pastes, cosmetics and food products. Centrifuge rotors & carriers are also suitable for use with variety of Falcon & Vacutainer Tubes.

►► Salient Features

- Stepless speed regulator with zero start interlock
- Digital speed indicator
- Dynamic brake
- 0-99 minutes digital count down timer
- Imbalance detector with cutoff
- Safety lid interlock to prevent cover opening during centrifugation

Technical Data					
Model		R-3023	R-3024	RC-3023	RC-3024
Max, Speed	rpm	6900	173000	7000	20000
Max, RCF	'g'	7350	27440	7560	37570
Max. Tube size	ml	200	100	250	100
Max, Capacity	ml	1200	400	1200	400
W x D x H	mm	400 x 500 x 455		400 x 500 x 440	

Rotor Head Listing for R – 3023 & RC - 3023							
Model	Capacity	Type of Rotor	Type of Container	R - 3023		RC - 3023	
				Speed (RPM)	RCF 'g'	Speed (RPM)	RCF 'g'
R 3230 + R 3231	4 x 200 ml	Swing Out	Glass	4800	4000	5100	4500
R 3230B + R 3231B	108 x 5ml (RIA)	Swing Out	RIA Plastic Tubes	5000	3830	5100	3980
R 3234	4 x 250ml	Swing Out	Plastic	X	X	5500	5070
R 3235	8 x Microtiter	Swing Out	96 WELL	X	X	3200	1370
R 3230A	2 x Microtiter	Swing Out	96 WELL	3100	1470	3100	1470
R 3236	6 x 200ml	Angular	Plastic	6900	7350	7000	7560
R 3237	8 x 100ml	Angular	Plastic	6900	6700	7000	6900
R 3238	12 x 50ml	Angular	Plastic	6900	6970	7000	7450
R 3239	36 x 15ml	Angular	Plastic	6900	7240	7000	7340
Angle Heads Suitable for Falcon tubes (without Tubes)							
R 3238F	12 x 50ml	Angular	Falcon	6900	6970	7000	7450
R 3239F	24 x 15ml	Angular	Falcon	6900	7240	7000	7340

Reduction Adaptors for Swing Out Head (R 3234)			
Suitable for Glass Tubes (with tubes)			
Model	Tube Capacity	No. of tubes Per Adaptor	Total no. of Tubes
RC 3341	50 ml	1	4
RC 3342	25 ml	3	12
RC 3343	15 ml	5	20
RC 3344	5 ml	13	52

Rotor Head Listing for R – 3024 & RC - 3024							
Model	Capacity	Type of Rotor	Type of Container	R - 3024		RC - 3024	
				Speed (RPM)	RCF 'g'	Speed (RPM)	RCF 'g'
R 3246A	4 x 25 ml	Swing Out	Glass	9300	8700	11000	12180
R 3241	4 x 100 ml	Angular	Plastic	11000	14050	14500	23980
R 3242	6 x 50 ml	Angular	Plastic	12100	14240	16000	25180
R 3243	8 x 25 ml	Angular	Plastic	12500	14500	14500	20220
R 3244	12 x 15 ml	Angular	Plastic	12300	14710	16000	24600
R 3243A	6 x 25 ml	Angular	Plastic	14100	17120	18000	28980
R 3244A	8 x 15 ml	Angular	Plastic	15400	20150	18000	27530
R 3247	8 x 50 ml	Angular	Plastic	10800	13430	14500	24680
R 3248	24 x 1.5 ml	Angular	Plastic	17300	27440	20000	37570
R 3249	6strips of 8 x 0.2 ml	Angular	PCR STRIP TUBES	11000	12180	11000	12180
Angle Heads Suitable for Falcon tubes (without Tubes)							
R 3244F	4 x 25 ml	Angular	Falcon	6900	6970	7000	14610
R 3247F	4 x 25 ml	Angular	Falcon	6900	7240	7000	14610

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



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Our Products & Technologies



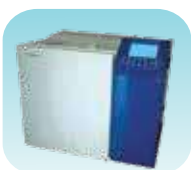
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Optima Gas
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DSC/TGA



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Hematology
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