



Laboratory Equipment Pty Ltd

Neofuge 15 Neofuge 15R

Highspeed Table-top Centrifuge



For Further Information contact Laboratory Equipment on:

Email: sales@labec.com.au

Phone: 02 9560 2811

Fax: 02 9560 6131

www.labec.com.au



Neofuge 15

Heal Force high speed centrifuge Neofuge 15 & Neofuge 15R provide excellent centrifugal effect and easy to use with high reliability and safety, which can be widely used in research and routine laboratories in the biosciences and in the fields of medicine and industry.

Electronic Imbalance Detection

Neofuge 15/15R is equipped with a electronic imbalance detection system, which responds if samples are loaded incorrectly or if a tube is broken. Centrifugation is automatically interrupted, protecting the centrifuge from damage.



Neofuge 15R
(Refrigerated)

High Performance

Neofuge 15/15R equipped with a brushless induction motor runs quietly. The rotor can be accelerated to 24,905×g, which is sufficient for all standard applications. A "quick spin" key is used for short processing runs. The powerful CFC-free refrigeration unit can control temperature range from -10°C to +40 °C (Neofuge15R only), in the standby mode, the centrifuge can precool the rotors (Neofuge 15R only).

Automatic Rotor Recognition

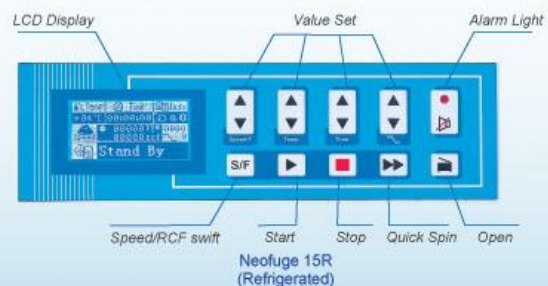
Different rotors can be recognized automatically by the system. The system would give alarm signal when the following cases happen: the set speed value exceeds the limit, running without a rotor, rotor recognition failure.

High Quality Rotors

- Ultraduralumin
- Aerosol tight
- Autoclavable (20 min, 121°C)

Simple Operation

LCD can display more detailed failure information. Speed, RCF, chamber temperature (Neofuge 15R) and run time can be entered by the user and the values can change during centrifugation.



For Further Information contact Laboratory Equipment on:

Email: sales@labec.com.au

Phone: 02 9560 2811

Fax: 02 9560 6131

www.labec.com.au



Fixed angle rotor
 24×1.5/2.0ml F15.15.02/#1501
 16,000rpm, 24,905×g, 45°
 (Standard)

Centrifuge tube					Adaptor		
Capacity(ml)	Type	Diameter	Length	Packed/unit	specification	Order No.	Packed/unit
1.5	conical	Ø11mm	47mm	24 PCS	-	-	-
2	round	Ø11mm	47mm	24 PCS	-	-	-
0.5	conical	Ø8mm	32mm	24 PCS	1×0.5ml	ADP17.02-001	24 PCS
0.2	conical	Ø6.5mm	22mm	24 PCS	1×0.2ml	ADP17.02-002	24 PCS



Swing-bucket rotor
 4×100ml S15.04.100/#1502
 4,000rpm, 2,585×g
 (Optional)

Centrifuge tube					Adaptor		
Capacity(ml)	Type	Diameter	Length	Packed/unit	specification	Order No.	Packed/unit
100	flat	Ø45mm	100mm	4 PCS	-	-	-
50	round	Ø29mm	114mm	4 PCS	1×50ml	SP15.04.100.S50-10	-
50	conical	Ø29mm	116mm	4 PCS	1×50ml	SP15.04.100.C50-10	4 PCS
50	round	Ø36mm	110mm	4 PCS	1×50ml	SP15.04.100.50-10	4 PCS
25	round	Ø25mm	115mm	4 PCS	1×25ml	SP15.04.100.25-10	-
15	conical	Ø17mm	120mm	4 PCS	1×15ml	SP15.04.100.C15-10	4 PCS
15	round	Ø17mm	104mm	12 PCS	3×15ml	SP15.04.100.15-00	4 PCS
7	round	Ø12mm	104mm	20 PCS	5×7ml	SP15.04.100.7-00	4 PCS
5/7	round	Ø12mm	104mm	12 PCS	3×5/7ml	SP15.04.100.5-00	4 PCS
1.5/2.0	round	Ø11mm	44mm	4 PCS	10×1.5/2ml	SP15.04.100.1-00	4 PCS

#1502 rotor incl. 4 aerosol-tight standard buckets



Fixed angle rotor
 6×50ml F08.50/#1503
 8,500rpm, 10,015×g, 45°
 (Optional)

Centrifuge tube					Adaptor		
Capacity(ml)	Type	Diameter	Length	Packed/unit	specification	Order No.	Packed/unit
50	conical	Ø29.5mm	116mm	6 PCS	1×50ml	F08.50-04	6 PCS
50	round	Ø29mm	115mm	6 PCS	1×50ml	ADP15.94-001	6 PCS
38	round	Ø25.5mm	96mm	6 PCS	1×38ml	ADP15.94-002	6 PCS
16	round	Ø18mm	114mm	6 PCS	1×16ml	ADP15.94-003	6 PCS
15	conical	Ø16mm	120mm	6 PCS	1×15ml	ADP15.94-008	6 PCS
12	round	Ø13mm	112mm	12 PCS	2×12ml	ADP15.94-004	6 PCS
6.5	round	Ø11mm	104mm	18 PCS	3×6.5ml	ADP15.94-005	6 PCS
3.5	round	Ø11mm	85mm	24 PCS	4×3.5ml	ADP15.94-006	6 PCS
1.5	conical	Ø16mm	41mm	24 PCS	4×1.5ml_Micro	ADP15.94-007	6 PCS

For Further Information contact Laboratory Equipment on:

Email: sales@labec.com.au

Phone: 02 9560 2811 Fax: 02 9560 6131

www.labec.com.au

Main Features

- Max. speed 16,000rpm, max. RCF 24,905×g
- Microprocessor control, all parameters are set by control panel
- Electronic imbalance detection
- Automatic rotor identification function
- Low-noise brushless drive motor, maintenance-free
- Refrigerated table-top centrifuge, CFC-free (R134a) (Neofuge 15R)
- Possibility of precooling the rotors during standby (Neofuge 15R)
- Standard accessory 24×1.5/2.0ml Rotors (#1501)



SPECIFICATION

Max. speed	16,000rpm
Control	Microprocessor control
Max. RCF	24,905 × g
Max. capacity	4 × 100ml
Refrigerant	R134a (CFC-free) (Neofuge 15R)
Power	200VA (Neofuge 15) 500VA (Neofuge 15R)

Drive	Brushless induction motor
Temperature range	10°C to 40°C Precool (Neofuge 15R)
Run time	9h 59min, Quick Spin
Dimensions: (H × W × D)	330mm × 525mm × 330mm (Neofuge 15) 315mm × 580mm × 520mm (Neofuge 15R)
Weight without rotor	58Kg (Neofuge 15) 74Kg (Neofuge 15R)

For Further Information contact Laboratory Equipment on:

Email: sales@labec.com.au

Phone: 02 9560 2811

Fax: 02 9560 6131

www.labec.com.au