PRISM™ R

REFRIGERATED MICROCENTRIFUGE

LABNET INTERNATIONAL, INC.

- *Powerful refrigeration system, Quick-COOL to 4°C in 8 min.*
- *Includes easy access rotor (24 x 1.5ml) up to 17,135 xg*
- *Exceptionally quiet and compact*
- *Optional StripSpin™ adapter for 0.2ml tubes and strips*

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PRISM™ R

Features:

- New "Quick-COOL" function cools down the rotor to 4°C in 8 min.
- Powerful motor drive, run samples as high as 17,135 xg
- Solid aluminum rotor (24x1.5/2.0ml) with easy access design
- User-friendly control with large LCD display
- Imbalance identification system with automatic shut-off
- Quiet operation, less than 56 dBA at max. speed
- Powerful refrigeration, temperature control from -10 to 40°C
- Maintains 4°C at maximum speed (13,500rpm/17,135 xg)
- Set and view speed in both rpm or rcf
- Quick Spin button, ideal for momentary operation
- Brushless motor for maintenance free operation
- Accelerates to max speed in under 16 sec. (deceleration: 18 sec.)
- Two year warranty
- Extremely compact, 10.9(W) x 17(D) x 9.75(H) in. 27.7(W) x 43(D) x 24.75(H) cm 44 lb. / 20 kg

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The new Labnet PRISM R is quickly becoming the benchmark in the refrigerated microcentrifuge category. In spite of its remarkably small footprint, the Prism R has a powerful brushless motor and cooling capacity to spare. The new user-friendly LCD control panel provides intuitive control over all operating parameters, including speed, time and temperature.

Speed can be set in rpm, up to 13,500 rpm in increments of 100 rpm, or rcf, up to 17,135 x g in increments of 100 x g. Operation of the centrifuge can be timed, from 0.5 to 99 minutes, or continuous. A momentary spin function is activated by pressing and holding the quick key. The powerful refrigeration system maintains temperatures as low as -10°C and is designed to reach 4°C (from room temperature) in less than 8 minutes.

The brushless motor drive quickly and effortlessly accelerates the rotor to set speed. A computer designed isolation system ensures vibration free operation, even with a slight imbalance. The Prism R is also equipped with an imbalance detection system that automatically shuts down operation in the event of a significant imbalance. Deceleration at the end of a run is attained in less than 18 seconds, yet will not disrupt samples.

The unique design of the 24 place rotor allows easy access to the tops of sample tubes. Individual tube slots in the solid aluminum rotor support the tubes along their length and contain sample in the event of tube failure. The rotor accepts 1.5/2.0ml tubes directly and smaller tubes through the use of adapters, sold separately. An optional StripSpin adapter snaps on to the top of the rotor for spinning 0.2ml tubes and PCR strips. The rotor is seated on a tapered shaft which facilitates easy removal of the rotor for cleaning and autoclaving.

Rotors and Adapters:


C2500-RC*


C2500-SS


C1202, C1205 & C1222

* Included with Centrifuge (C2500-R)

Specifications:

Maximum Speed	13,500 rpm
Maximum RCF	17,135 xg
Temp. Range	-10°C to 40°C
Timer	0.5 to 99 min. or cont.
Dimensions	10.9(W) x 17(D) x 9.75(H) in. 27.7(W) x 43(D) x 24.75(H) cm
Weight	44 lb. / 20 kg
Electrical	120V~ or 230V~ 50/60Hz, 500W

Ordering Information:

C2500-R	**Prism R Refrigerated Microcentrifuge with rotor, 120V**
C2500-R-230V	**Prism R Refrigerated Microcentrifuge with rotor, 230V**
C2500-RC	Rotor, 24 x 1.5/2.0ml, included with above
C2500-SS	StripSpin Adapter (optional) for 2xPCR strips or 16x0.2ml tubes
C1205	Individual adapters for 0.5/0.6ml tubes, pack of 6
C1222	Individual adapters for 0.2ml thermal cycling tubes, pack of 6
C1206	Individual adapters for 0.4/0.25ml tubes, pack of 6

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