

Operations Manual

Item: C1248

V1.0

StripSpin™ 12



Benchmark Scientific

Introduction:

Thank you for purchasing the StripSpin™ 12 Microcentrifuge. Please read this manual thoroughly prior to operating the instrument.

The centrifuge is designed for low speed applications and quick spin downs of (0.2ml PCR strips & tubes. An optional rotor (Item: C1008-ROT) is also available for spinning 1.5 and 2.0ml microcentrifuge tubes

Installation:

Place the centrifuge on a flat and level surface nearby an electrical outlet. It should not be near a heat source or in direct sunlight.

Operation:

- Attach the power cord and place the power switch into the on "I" position.
- Open the lid and load your samples into the included rotor. Always ensure a balanced load (Please see the following section, **Loading the Rotor**, for details.)
- "Note: To avoid splashing of samples, it is recommended that strip tubes are capped prior to centrifugation"
- Close the lid, the rotor quickly accelerates to the maximum speed of 5500 rpm.
- When the desired run time is completed, push on the lid tab to open the lid, the rotor quickly brakes to a stop and the samples can be retrieved.



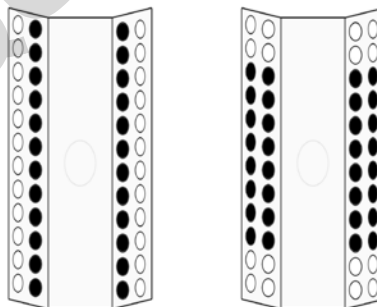
NEVER Attempt: to remove samples until the rotor has come to a complete stop.

Loading the Rotor:

To ensure safe operation and long life of the instrument, samples must always be loaded into the rotor in a balanced fashion.

Tubes and strips must always be loaded symmetrically across from one another and contain the same volume of liquid. See below:

Examples of properly balanced rotors:

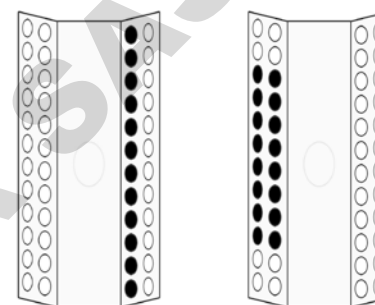


Represents an empty position



Represents a loaded position

Examples of improperly balanced rotors:



Represents an empty position



Represents a loaded position

Specifications:

Speed:	5500 rpm / 2000xg
Capacity:	4 x 12 place PCR strips 4 x 8 place PCR strips 48 x 0.2ml tubes
Dimensions:	5.75(W) x 8(D) x 4.25(H) in. 14.6(W) x 20.3(D) x 10.8(H) cm
Electrical:	120V or 230V, 50-60 Hz
Max. Radius:	6cm

Cleaning and Maintenance:

The centrifuge rotor can be removed for cleaning by using a ".05 hex wrench" to loosen the set screw. Once removed, the rotor can be cleaned with isopropyl alcohol or can be sterilized in an autoclave at 121°C for 20 minutes.

Service and Contact:

In the event that service or technical support is required, please contact Benchmark Scientific by phone at 1-908-769-5555 or by email at info@benchmarkscientific.com.