

Operations Manual

Item: C1012

V1.0

myFUGE™



Benchmark Scientific

Introduction:

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

The MyFuge Microcentrifuge is designed for low speed applications and quick spin downs of microcentrifuge tubes (0.2ml to 2.0ml) and for eight position 0.2ml PCR strips.

Installation:

Place the MyFuge 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.)
- 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.



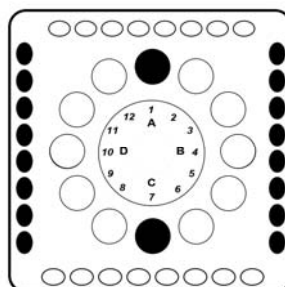
NEVER Attempt: to remove samples until the rotor has come to a complete stop.

Loading the Rotor:

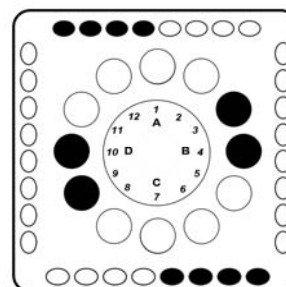
To ensure safe operation and long life of the instrument, samples must always be loaded into the rotor in a balanced fashion.

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:

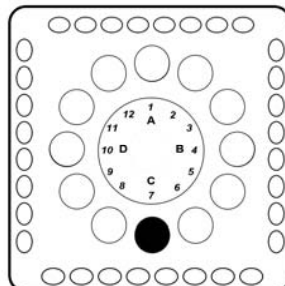


Represents an empty position

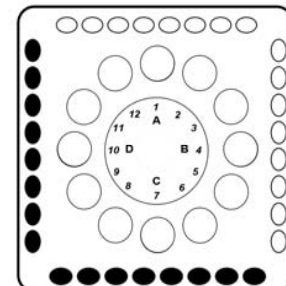


Represents a loaded position

Examples of improperly balanced rotors:



Represents an empty position



Represents a loaded position

Specifications:

Speed:	5500 rpm / 2000xg
Capacity:	12 x 1.5/2.0ml 32 x 0.2ml or 4 x PCR strips
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:	6.0cm

Cleaning and Maintenance:

The centrifuge rotor can be removed for cleaning by using the included allen 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.

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