

PLATEFUGE™

MICROPLATE MICROCENTRIFUGE



Swing Out
Rotor for Plates

- Quickly spins down droplets in PCR plates
- Unique rotor design prevents sample spillage (patent pending)
- 50% smaller than traditional centrifuges
- Accepts all popular PCR plates (skirted, semi, non) and most microtiter plates



Before & after centrifugation



During centrifugation

Benchmark's PlateFuge™ is the first "mini" sized centrifuge with a swing out rotor for microplates. Centrifuging plates before PCR ensures all reactants are in the bottom of the wells for proper concentrations and improved yields.

In spite of its remarkably small footprint (9x10 in.), the PlateFuge™ includes a uniquely designed, swing out rotor (patent pending) capable of securing 2 microplates. The easily accessible rotor chamber includes two plate carriers that rest at a 75° angle. This allows plates to be inserted confidently without sealing tapes or caps. Upon closing the lid of the centrifuge, the rotor accelerates and the centrifugal force "swings" the plates into a horizontal position. Any droplets on the walls of the plate quickly concentrate into the well bottoms.

With a g-force of over 600 xg, most samples can be spun down in less than 20 seconds. To end a run, simply open the lid and the automatic, electric brake brings the rotor to a quick, smooth stop in about 4 seconds. Plates can then be easily removed from the rotor.

Technical Data:

Speed:	2550rpm / 600 xg
Capacity:	2 x PCR Plates*
	2 x microtiter plates
	24 x 0.2ml PCR strips
Decel:	4 seconds
Dimensions:	9.2 x 10.2 x 7.75 in.
	23 x 26 x 19.7 cm
Weight:	9 lbs / 4.1 kg
Electrical:	115V, 60Hz or 230V, 50Hz

*When stacking skirted PCR plates, max. capacity is 4 plates.

Ordering Information:

C2000*	PlateFuge™ MicroCentrifuge with rotor and plate carriers, 115V
C2000-A02	Tube adapter, holds 96 x 0.2ml tubes or 8 and 12 position PCR strips, 2pk.
C2000-DWMP	Optional rotor with carriers for deep well plates (speed: 1500rpm, max height 35mm)

*115V with US plug. To order in 230V, add (-E) to the item number.

Benchmark
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