# PlateFuge™ 2D

## Digital MicroPlate Centrifuge



- **Digital control, adjustable rpm and time**
- **Quickly spins down droplets in PCR plates**
- **Swing out rotor prevents sample spillage**
  *(no plate seal required)*
- **Personal sized, 9 x 12" footprint**
- **Accepts all popular PCR plates**
  *(skirted, semi, non) and most microtiter plates*



Intuitive Digital Controls



Horizontal Rotor Position
(During Centrifugation)

The PlateFuge 2D Digital Microplate Centrifuge combines the compact convenience of Benchmark's original PlateFuge with the added precision of a sleek, intuitive digital control panel. Programmable speed and run time settings provide the flexibility to adapt protocols to a wide range of applications, delivering consistent and reliable performance in a variety of laboratory workflows.

Despite a remarkably compact footprint (just 9 inches wide) the PlateFuge 2D features a uniquely designed, patented swing-out rotor. Unlike competing plate centrifuges, the plate carriers are positioned at a 75° angle during loading, allowing microplates to be inserted confidently without spillage or the need for sealing films or caps. Upon starting the run, the rotor accelerates to the set rpm and the centrifugal force "swings" the plates into a horizontal position. Once the set time is reached the electronic braking returns the rotor to the angled position within a few seconds for easy, mess-free removal of plates.

With a maximum speed of 2800rpm (rcf exceeding 700xg) the PlateFuge 2D shortens run times and quickly concentrates samples to the bottom of the plate wells for further processing and analysis.

### Technical Data

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|---|---|
| Speed: | 500 to 2,800 rpm |
| Max RCF: | 728 xg |
| Timer: | 0 to 59 sec / 1 to 99 min., cont. |
| Capacity: | 2 x PCR Plates<br>2 x microtiter plates<br>24 x 0.2ml PCR strips |
| Dimensions: (W x D x H) | 9 x 12 x 8.5 in.<br>36 x 28 x 25 cm. |
| Weight: | 7 lbs / 3 kg |
| Electrical: | 120V 60Hz or 240V, 50Hz |
| Warranty: | 2 Years |

### Ordering Information

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|---|---|
| C2006* | PlateFuge 2D Digital Microplate Centrifuge |
| C2000-A02 | Tube/Strip 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 (max height 35mm) |

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

Benchmark Scientific