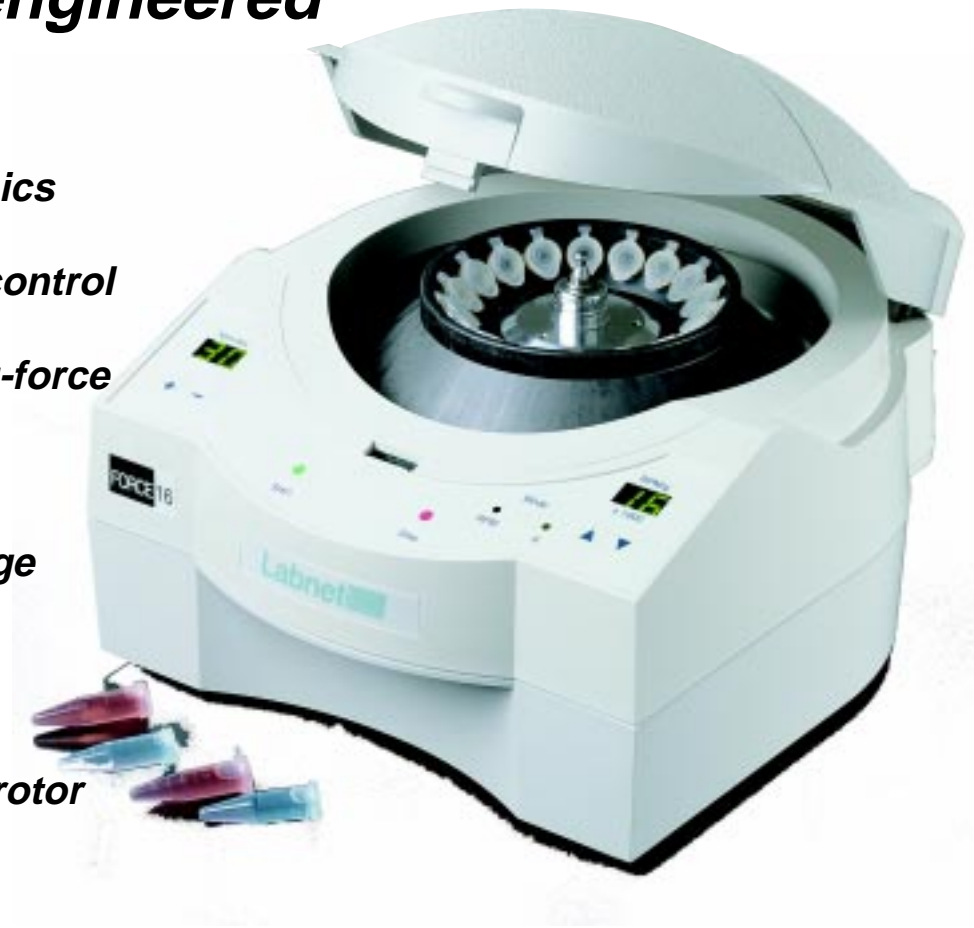


Force Microcentrifuges

Updated and reengineered

- ❑ **Advanced microelectronics**
- ❑ **Digital microprocessor control**
- ❑ **Set and display rpm or g-force**
- ❑ **Compact design**
- ❑ **Five models cover a range of applications**
- ❑ **Cold room compatible**
- ❑ **Supplied complete with rotor**



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A family of performers

The *Force* Digital Microcentrifuge line has been reengineered for higher performance and quieter operation. The line now includes five models with maximum rcf ranging from 5000 x g to 16,000 x g. All of the *Force* microcentrifuges feature microprocessor control, digital set and display of time and rpm/rcf and are supplied complete with rotor.

❑ *Microprocessor control*

State of the art microprocessors allow tight control over operation. The large digital displays and membrane keypads provide for precise setting of operating parameters and accurate representation of their values during a run. Speed can be set and displayed in rpm or g-force.

❑ *Enhanced performance*

The *Force* units feature specially designed airflow patterns to keep samples cool and reduce rotor noise. The high speed models (*Force 1418, 1618 and 1624*) include brushless, maintenance free motors for faster acceleration and smooth operation. All of the *Force* units are cold room compatible.

❑ *Bench saving design*

Advances in technology, such as smaller motors, compact microprocessors and durable, lightweight plastics have allowed the creation of powerful units that require a minimum of space. Although these centrifuges are small, quality and durability have not been sacrificed.

❑ *Complete with rotor*

The *Force 512 and 712* are supplied with 12 place rotors. The *Force 1418 and 1618* are supplied with 18 place rotors while the *Force 1624* comes complete with a high capacity 24 place rotor. All of the rotors have snap-on covers and individual slots to support tubes and reduce the incidence of tube failure. All the rotors accept 1.5/2.0ml tubes directly and smaller tubes with adapters. The rotors are easily removed for cleaning and autoclaving.



Ordering Information

Cat. No.	Description
C-9424*	<i>Force 1624</i> with 24 place rotor, 120V
C-9421*	<i>Force 1618</i> with 18 place rotor, 120V
C-9420*	<i>Force 1418</i> with 18 place rotor, 120V
C-9410*	<i>Force 712</i> with 12 place rotor, 120V
C-9414*	<i>Force 512</i> with 12 place rotor, 120V
C-1205	Individual adapters for 0.5/0.6ml tubes, pack of 6
C-1206	Individual adapters for 0.4/0.25ml tubes, pack of 6
C-1222	Individual adapters for 0.2ml tubes, pack of 6
C-9312	12 x 1.5ml rotor with cover, for <i>Force 712</i> and <i>512</i>
C-9312-RC	Replacement snap-on rotor cover for <i>Force 712</i> and <i>512</i> , pack of 2
C-0160-95	18 x 1.5ml rotor, for <i>Force 1418</i> and <i>1618</i>
C-0160-RC1	Replacement snap-on rotor cover for above

*All of the *Force* Microcentrifuges are available in other voltages. Please add the appropriate extension to catalog number when ordering: -3 for 230V European version, -4 for 230V UK version, and -5 for 100V.

Specifications

Max. speed/g-force	
Force 1624	13,300rpm/16,000 x g
Force 1618	14,000rpm/16,000 x g
Force 1418	13,000rpm/14,000 x g
Force 712	10,000rpm/7200 x g
Force 512	8500rpm/5,200 x g
Maximum capacity	
Force 1624	24 x 1.5/2.0ml
Force 1618, 1418	18 x 1.5/2.0ml
Force 712, 512	12 x 1.5/2.0ml
Dimensions	
Force 1418, 1618, 1624	10.5 x 9.3 x 7 inches 267 x 236 x 178 mm
Force 512, 712	7.5 x 7 x 4.5 inches 191 x 178 x 127 mm
Weight	
Force 1624	13 lb/5.9 kg
Force 1418, 1618,	12 lb/5.5 kg
Force 512, 712	3.25 lb/1.5 kg
Power Requirements	100V, 120V or 230V