

Force 712, 1418 and 1624 Microliter Centrifuges

This line of digital microcentrifuges includes models for low to medium speed applications as well as those requiring higher g-forces, such as pelleting DNA.

Technological advances, including smaller motors, compact microprocessors and lightweight construction materials, have contributed to the design of the Force microcentrifuges. Small in size, they have not sacrificed on quality and durability.

The advanced electronics maintain tight control over operating parameters. Values are set with the membrane keypad and displayed digitally. Speed can be set and displayed in rpm or RCF.

The two larger models, Force 1418 and 1624, include brushless, maintenance free motors for fast acceleration and smooth operation. Airflow patterns within the chamber have been engineered to keep samples cool and help to reduce rotor noise.

All three units are supplied complete with removable, autoclavable rotors. Individual tube slots in the rotors support the tubes to reduce the incidence of tube breakage. The rotors accept 1.5 ml tubes directly and smaller tubes with adapters. The Force centrifuges are convenient for use on the bench, under the hood or in refrigerated environments.



Specifications

	Force 712	Force 1418	Force 1624
Tube capacity	12 x 1.5/2.0 ml	18 x 1.5/2.0 ml	24 x 1.5/2.0 ml
Maximum speed	10,000 rpm	13,000 rpm	13,000 rpm
Maximum RCF	7,200 x g	14,000 x g	16,000 x g
Timer	99 minutes	99 minutes	99 minutes
Dimensions, W x D x H	19 x 18 x 13 cm 7.5 x 7 x 4.5 in.	27 x 24 x 18 cm 10.5 x 9.3 x 7 in.	27 x 24 x 18 cm 10.5 x 9.3 x 7 in.
Weight	1.5 kg/3.25 lb	5.5 kg/12 lb	5.5 kg/12 lb
Electrical	120V, 100V or 230V, 50/60 Hz	120V, 100V or 230V, 50/50 Hz	120V, 100V or 230V, 50/60 Hz

Ordering Information

C9414	Force 712 Microcentrifuge, with 12 place rotor, 120V
C9414-100V	Force 712 Microcentrifuge, with 12 place rotor, 100V
C9414-230V	Force 712 Microcentrifuge, with 12 place rotor, 230V EU and UK power cords
C9420	Force 1418 Microcentrifuge, with 18 place rotor, 120V
C9420-100V	Force 1418 Microcentrifuge, with 18 place rotor, 100V
C9420-230V	Force 1418 Microcentrifuge, with 18 place rotor, 230V, EU and UK power cords
C9424	Force 1624 Microcentrifuge, with 24 place rotor, 120V
C9424-100V	Force 1624 Microcentrifuge, with 24 place rotor, 100V
C9424-230V	Force 1624 Microcentrifuge, with 24 place rotor, 230V, EU and UK power cords
C1206	Adapters for 0.4/0.25 ml tubes, pack of 6
C1205	Adapters for 0.5/0.6 ml tubes, pack of 6
C1222	Adapters for 0.2 ml tubes, pack of 6