

PROJECT CENTRIFUGE

MICROCENTRIFUGE

Cooled and Ventilated





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SCIOLOGEX Microcentrifuges are practical, powerful and versatility ... all in one laboratory instruments, compact, safe and easy to use.

Available in ventilated or cooled version, the models SCIOLOGEX D2012, D3024 and D3024R are designed to facilitate the routine in the laboratory in the preparation of the samples.

Suitable for a wide range of applications including the nucleic acid purification, the elimination of PCR, preparation of plasmids, protein processing and applications in forensic medicine and scientific research.



D2012



Features

- High centrifugal force 15.100xg
- Easy to use in a small space due to compact form
- Large backlit LCD display for easy reading
- Induction motor, maintenance-free
- Durable aluminum alloy and autoclavable rotor
- High speed, low noise
- Automatic opening lid
- Reading-selection key Speed / Acceleration RPM / RCF
- "short-spin" for quick spins
- Sound signal at the end of the centrifugation
- Optional adapters for 0.2 ml tubes and microcentrifuge tubes 0.5 ml



Rotors Features

Model	Speed max rpm	Acceleration max xg	Capacity	Bio-safe	Available adapters	For centrifuge
A12-2	15.000	15.100	2 ml x 12	Yes	0,2 ml - 0,5 ml	D2012
AS24-2	15.000	21.380	2 ml x 24	Yes	0,2 ml - 0,5 ml	D3024- D3024R
AS36-05	15.000	21.380	0,5 ml x 36	Yes	0,2 ml	
AS4-PCR8	15.000	21.380	4-PCR8	Yes	-	



D3024

D3024 R Cooled

Common Features D3024 and D3024R

- Compact design, takes up very little space
- Increased access height - 27 cm - to facilitate loading and unloading operations (D3024)
- Very low noise and stability during operation to improve the working environment
- Cover with double lock for added safety
- Large backlit LCD display for easy reading
- Induction motor, maintenance-free
- Can be fitted with three different rotors:
 - 24 place rotor aerosol sealed (supplied as standard)
 - Rotor with 36 seats (0.5 ml) aerosol sealed (optional)
 - Rotor for 4 strips of 8 PCR tubes aerosol-tight (optional)
- Double-ventilated cooling system to reduce the heating of the rotor to a minimum
- Rotor "Bio-Safe" for biosafety and completely autoclavable
- Temperature display to protect temperature-sensitive samples
- Automatic lid opening at the end of centrifugation (D3024)
- Speed / Acceleration selectable RPM / RCF
- "short-spin" for short quick spins
- Soft braking for better separation with most delicate samples
- Sound signal at the end of the centrifugation
- Optional adapters for 0.2 ml tubes and 0.5 ml microcentrifuge tubes

Features D3024R

- Temperature range: -20 ° C to +40 ° C
- Maintains a constant temperature of 4 ° C at maximum speed
- intermittent temperature control
- CFC-free refrigeration
- Manual lid opening at the end of centrifugation to prevent the heating of the sample



Display D2012



Display D3024 - D3024R



Technical specifications	D2012	D3024	D3024R
			 
Max. speed	15.000 rpm (500-15.000), Increment per 100 rpm	15.000 rpm (200-15.000), Increment per 10 rpm	
Max. RCF	15.100xg, increment per 100xg	21.380xg, increment per 10xg	
Rotor	12 places - 2.0 ml microtubes	24 places - microtubes 2.0 ml (standard) 36 places - 0.5 ml microtubes 4 strips of 8 PCR tubes	
Cooling temperature			-20 °C ... +40 °C
Coolant			HFC134a
Timer	30 sec. ... 99 min or continuous		
Motor	Induction, maintenance-free		
Safety devices	<ul style="list-style-type: none"> • Lid locking system • Over speed detector • Detector if temperature is exceeded • Automatic internal Diagnosis 		
Power supply	220V - 50/60Hz		
Power consumption	120 W	240 W	450 W
Noise production	<56 dB	<56 dB	<56 dB
Dimensions (WxDxH)	255 x 245 x 140 mm	280 x 364 x 266 mm	338 x 580 x 324 mm
Weight (including rotor)	4,6 kg	13 kg	30 kg
Packing	Microcentrifuge D2012 Rotor 12-2 complete with lid, retaining clip and O-ring	Microcentrifuge D3024 with AS24-2 rotor complete with lid, retaining clip and O-ring	Microcentrifuge D3024 R with AS24-2 rotor complete with lid, retaining clip and O-ring
Order code	22000012	22000022	22000032

Accessories and spare rotors

Rotor AS36-05 Order code 22000222	/	15.000rpm, 36 x 0.5ml. Complete with lid, retaining clip and O-ring
Rotor AS4-PCR8 Order code 22000232	/	15.000rpm, 4-PCR8. Complete with lid, retaining clip and O-ring
Adapter RI02-24 Order code 22000302	Adapter for tubes from 0.2 ml rotor A 12-2 and AS24-2. 24 pcs.	
Adapter RI05-24 Order code 22000312	Adapter for tubes from 0.5 ml rotor A 12-2 and AS24-2. 24 pcs.	
Adapter RI02-36 Order code 22000322	Adapter for tubes from 0.2 ml rotor AS 36-05. from 36 pcs.	

Manufacturer ISO 9001 certificate



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