

Centrifuges

SCI-24

High Speed Micro Centrifuge

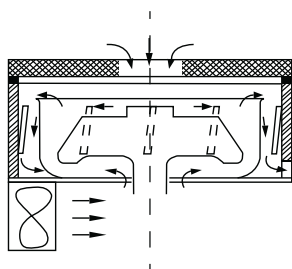


Brushless DC motor



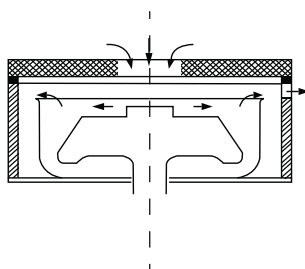
Wide range of rotors

Effective Ventilation System



Proprietary design of dual path ventilation enforcing air cooling from both the upper and lower side for the rotor.

Conventional design



Limited ventilation on the upper side of the rotor

Features

- Patent special double cooling air design ensures fast cooling of the rotor and low energy consumption
- 3-layer sealed rotors ensure safe centrifugation
- Brushless motor drive, maintenance free
- Safety features include door interlock; excessive speed and temperature detection; automatic self-diagnostics
- Outstanding aluminum alloy rotors fully autoclavable at 121°C temperature and high pressure disinfection
- Five rotors are optional complete with 24 places 1.5/2.0mL tubes, 5.0mL, 0.2mL and 0.5mL tubes with adapters

Applications

Suitable for numerous biological, chemistry, clinical and research applications including molecular biology, clinical chemistry labs, wide variety of microbiology applications, such as DNA, RNA or protein isolation and many more.

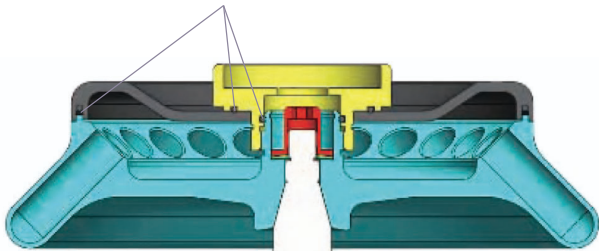


SCIOGEX rotors are manufactured from military–industrial grade aluminum alloy with high mechanical strength for precise running and safety (excludes SCI-12 rotor)

- Every rotor can reach a maximum Speed of 15000rpm
- Rotors are seated on a tapered shaft,concentric and self-aligning, perfect to achieve running stability at high speeds
- SCI-24 & SCI-1524R have sealed rotors and anti-sample overflow prevents accidental leakage

Seals within the aluminum alloy rotor

Three rubber seals fitted to achieve bio-safe condition



Rotor Features

Fully autoclavable

High strength aluminum alloy rotors are fully autoclavable, withstanding steam sterilizing at 121°C for 20 minutes

Three-layer seal

SCI-24 & SCI-1524R rotors are designed to prevent sample leakage. Each and every rotor is hermetically sealed by three rubber seals.

Mechanical safety

SCIOGEX centrifuges confirm to MCA standard IEC/EN61010–2–20, causing disruption by partially cutting and overloading rotor assembly, and guarantees that no part shall be detached to cause danger to person or the environment.

Specifications	SCI-24
Max. Speed	15000rpm(200–15000rpm), increment:10rpm
Max. RCF	21380 × g, increment:10 × g
Speed Accuracy	± 20 rpm
Rotor Capacity	5mL × 18, 5mL culture tubex12 0.2mL/0.5mL/1.5mL/ 2mL × 24, 0.5mL × 36,PCR8 × 4
Run Time	30sec–99min/Continuous
Acceleration/Braking time [Sec]	25s ↑ 25s ↓
Motor	Brushless DC motor
Safety Devices	Dual door interlock, Over–speed detection, Automatic internal diagnosis
Power	Single–phase, AC200V–400V, 50Hz/60Hz, 5A,AC100V–120V, 50Hz/60Hz, 8A 200W
Noise Level	≦64dB
Dimension[W × D × H]	280 × 364 × 266mm
Weight	12kg
Certification	CE cTÜVus FCC MCA
Other functions	Speed/RCF switch; Short–time run function; sound–alert function

Available rotors

AS24-2

Cat. No.19400069

comes standard SCI-24 & SCI-1524R

Max. speed: 15000rpm

Max. RCF: 21380 × g

Rotor capacity:

2mL/1.5mL × 24/0.2mL × 24/0.5mL × 24

Rotor material: Aluminum alloy (Bio sealing)

Available rotor adapters: A02P2, A05P2



AS18-5 (round bottom)

Cat. No.19400073

optional SCI-24 & SCI-1524R

Max. speed :15000rpm

Max. RCF:21380 × g

Rotor capacity:5mL × 18 (Round bottom)

Rotor material:Aluminum alloy
(Bio sealing)



AS12-5V (cone bottom)

Cat. No.19400070

optional SCI-24 & SCI-1524R

Max. speed: 15000rpm

Max. RCF: 21380 × g

Rotor capacity: 5mL × 12(Cone bottom)

Rotor material: Aluminum alloy

(Bio sealing): Yes



Optional adapters

A02P2

Cat. No.19500001

0.2mL rotor adapter

Used with A12-2, A12-2P, AS24-2 and A24-2P
rotors 24pcs/pk



AS36-05

Cat. No.19400071

optional SCI-24 & SCI-1524R

Max. speed: 15000rpm

Max. RCF: 21380 × g

Rotor capacity: 0.5mL × 36, 0.2mL × 36

Rotor material: Aluminum alloy

Bio-safe(Bio sealing): Yes

Available rotor adapters: A02P05



A05P2

Cat. No.19500002

0.5mL rotor adapter

Used with A12-2, A12-2P, AS24-2
and A24-2P rotors
24pcs/pk



AS4-PCR8

Cat. No.19400072

optional SCI-24 & SCI-1524R

Max. speed: 15000rpm

Max. RCF: 21380 × g

Rotor capacity:0.2mL/PCR8 × 4

Rotor material: Aluminum alloy

Bio-safe(Bio sealing): Yes



A02P05

Cat. No.19500003

0.2mL rotor adapter

Used with AS36-05 rotor
36pcs/pk

