

Benchtop centrifuges

ROTOFIX 46 H

Robust industrial unit

These are ideal centrifuges for research and industrial laboratories. They are robust and can withstand intensive usage, even in the field. Specialty buckets are able to hold ASTM pear-shaped and conical tubes for petroleum testing.

Heated option provides chamber temperature up to +90 °C.



■ Highlights

- max. RPM: 2.000 min⁻¹
Adjustable in increments of 10
- max. RCF: 984
- max. capacity: 4 x 100 ml
- robust and versatile benchtop centrifuge
- choice of 4 rotors
- maximum noise level of ≤ 58 dB(A)
- impulse button for short centrifugation
- easy operation with keypad
- heatable from +10 to +90 °C

■ Features

- metal housing and lid
- viewing port in the lid
- twist lock
- lid dropping protection
- emergency lid lock release
- stainless steel chamber
- automatic rotor recognition
- brushless drive
- error display
- imbalance switch-off
- control panel with actual values of all parameters
- auditory message after completion of the centrifugation run

— Technical data

ROTOFIX 46 H	
heated	
voltage *)	200 – 240 V 1 ~
frequency	50 – 60 Hz
consumption	600 VA
emission, immunity	EN/IEC 61326-1, class B
max. capacity	4 x 100 ml
max. RPM	2,000 min ⁻¹
max. RCF	984
running time	1 – 99 min : 59 sec, ∞ continuous run, short cycle mode (impulse button)
dimesions (WxDxH)	538x647x345 mm
weight	approx. 60 kg
noise level	58 dB (A)
temperature setting, infinitely variable (dependent on the ambient temperature)	from +10 to +90 °C
Cat. No.	4600-50
100 – 127 V 1 ~ / 50 – 60 Hz *)	4600-51
consumption	650 VA
emission, immunity	FCC class B

*) Other voltages on request.

— Available rotors

SWING-OUT ROTORS	angle	max. RPM	max. capacity	Cat. No.	page
Swing-out rotor, 4-place	90°	2,000 min ⁻¹	4x100 ml	4474	138

— Swing-out rotor, 4-place | 4474



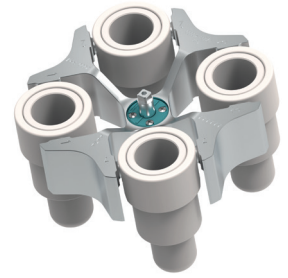
Rotor

max. RPM max. RCF	2,000 min ⁻¹ 984
max. capacity	4 x 100 ml
run-up run-down, braked in sec	16 40
angle max. noise level	90° 58 dB (A)
Cat. No.	4474



Bucket

Cat. No.	4275
-----------------	-------------

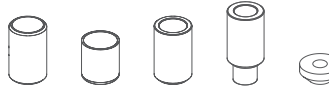


	ASTM ^{2.1)}	0528 ^{2.1)}	ASTM ^{2.1)}	0531 ^{2.1)}	Babcock
--	----------------------	----------------------	----------------------	----------------------	---------



Tubes

capacity in ml	50	100	100	100	50
Ø x L in mm	45 x 130	58 x 161	44 x 168	37 x 200	36.5 x 185
max. RCF ^{2.1)}	984	984	961	961	912
radius in mm	220	220	215	215	204



Adapter

boring Ø x L in mm	-	-	-	-	-
tubes per rotor	4	4	4	4	4
Cat. No.	4278-A	0771	4277	4276-B	0703-A

2.1) Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of vessels used should be verified with the individual manufacturers.

Certifications / Registrations

Product certification:



Product registration:



Company certifications:



Dimensions

