

BOECO CENTRIFUGE C-28A

The non-refrigerated microprocessor-controlled C-28A is the ideal bench-top centrifuge for performing daily routine tasks in doctors' laboratories and small hospitals. But because of the wide range of accessories the C-28A can also be used for sample preparation in research and industrial laboratories.

The centrifuge has a brushless frequency drive (no carbon brushes). A special locking device allows effortless opening and closing of the lid with just one hand

Controls and displays

- ▶ During centrifugation the actual values of the parameters are indicated
- ▶ Entry of the running parameters via foil keypad
- ▶ Speed display in RPM x 100, input in steps of 100
- ▶ Time t/min: 1 - 99 min, continuous operation
- ▶ Impulse key: For short centrifugation operations

Safety

- ▶ Housing and lid of metal finished in a scratch and impact resistant coating
- ▶ Centrifuge chamber of stainless steel
- ▶ Lid locking and holding device
- ▶ See-through glass in the lid
- ▶ Emergency lid lock release
- ▶ Imbalance switch-off
- ▶ Easily exchangeable rotors
- ▶ Automatic rotor recognition

The C-28A conforms to safety regulations such as IEC 61010 or the CE mark and all relevant EC standards and DIN norms and has been manufactured under ISO 9001:2008

Technical details

Max. RPM (speed) / RCF:	6,000 rpm / 4,226 RCF
Noise level:	< 58 dB(A) (dependent on rotor)
Dimensions in mm:	257 (H) x 366 (W) x 430 (D)
Net weight:	approx. 23 kg
Emission / Immunity:	EN / IEC 61326-1 class B, FCC class B

Code	Description
BOE 01206-13	BOECO centrifuge C-28A, 208-240 V, 50-60 Hz, without rotor
BOE 01206-12	BOECO centrifuge C-28A, 100-127 V, 50-60 Hz, without rotor

capacity in ml	5	4-7	15	15	50	12	50	50
dimensions Ø x L mm	12 x 75	13 x 100	17 x 100	17 x 120	29 x 115	17 x 100	29 x 115	29 x 107
 n=4,000 min ⁻¹ Cat.-No. 01418								
	+ 01054A	+ 00716	+ E2109	+ E2110	+ 00716			
Cat.-No.	01467	01467	01467	01467	01468	01467	01468	
tubes per rotor	32	32	32	32	8	32	8	
RCF	2,182	2,612	2,540	2,594	2,486	2,540	2,486	
radius in mm	122	146	142	145	139	142	139	
run-up in sec	36							
run-down in sec. ²⁾	43							



ROTOR 01418 WITH
01467

90°



90°

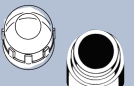
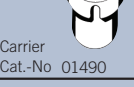
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90°



Swing-out rotor, 4-place 01324,
illustrated with carrier 01490 and
lids 01492
n= 4,000 min⁻¹, max RCF 2,630
for max. 4 x 100 ml

[illegible]

capacity ml	1.5/2.0	1	3/4	5	6/7	9/15	25	50	100	10	30	50	85	15		50	12	25	30	50
dimensions Ø x L mm	11 x 38	6 x 45 Rhesus	10x60/88	12x75	12x82/100	14/17x100	24 x 100	34 x 100	44 x 100	16x80/100	26x95	29x107	38x106	17x120		29x115	17x100	25 x90	25x110	29x115
lid No. 01492 biocontainment ⁵⁾																				
Carrier Cat.-No. 01490																				
Cat.-No.	01351	01339	01343	01383	01383	01329	01330	01331	00761	01348	04417	04416	01396	01356	01347	01384	06311	01363	01365	06318
tubes per rotor	20	108	36	20	20	16	4	4	4	16	4	4	4	12	4					
RCF	2,415	2,558	2,594	2,522	2,522	2,504	2,397	2,379	2,522	2,486	2,415	2,594	2,576	2,630			2,308		2,630	
radius in mm	135	143	145	141	141	140	134	133	141	139	135	145	144	147			129		147	
run-up in sec	27																			
run-down in sec. ²⁾	30																			



Swing-out rotor, 8-place,
for 8 x 15 ml,
n= 4,000 min⁻¹, RCF 2,415
Stainless steel, with
suspensions No. 01644, PA,
fibreglass reinforced.

capacity in ml	5	4-7	10	15
dimensions Ø x L mm	12/13x75	17 x 70	13 x 100	17 x 100
 n=4,000 min ⁻¹ Cat.-No. 01611				
				
Cat.-No.	01131-A	01132-A	01643	01644
tubes per rotor	8	8	8	8
RCF	1,914		2,415	
radius in mm	107		135	
run-up in sec	22			
run-down in sec. ²⁾	25			



Swing-out rotor, 12-place,
for 12 x 15 ml
n= 4,000 min⁻¹, RCF 2,680,
Stainless steel, with
suspensions No. 01621,
PA, fibreglass reinforced.

capacity in ml	5	4-7	15
dimensions Ø x L mm	12/13 x 75	15/16 x 75	17 x 100
			
n=5,000 min ⁻¹ Cat.-No. 01628			
Cat.-No.	01127-A	01122	01621
tubes per rotor	12	12	12
RCF	2,236	2,254	2,683
radius in mm	125	126	150
run-up in sec	22		
run-down in sec. ²⁾	25		



Swing-out rotor, 8-place,
for 8 x 50/15 ml Falcon
tubes
n= 4,000 min⁻¹, RCF 2,469
stainless steel, with
suspensions, aluminium.

capacity in ml	15	50
dimensions Ø x L mm	17 x 120	29 x 115
		
n=4,000 min ⁻¹ Cat.-No. 01617		
Cat.-No.	01462A	—
tubes per rotor	8	
RCF	2,469	
radius in mm	138	
run-up in sec	22	
run-down in sec. ²⁾	25	



Swing-out rotor, 6-place,
for 6 x 50/15 ml Falcon
tubes
n= 4,000 min⁻¹, RCF 2,701,
Stainless steel, with
suspensions, PA, fiber-
glass reinforced.

capacity in ml	15	50
dimensions Ø x L mm	17 x 120	29 x 115
		
n=4,000 min ⁻¹ Cat.-No. 01619		
Cat.-No.	01462-A	—
tubes per rotor	6	
RCF	2,701	
radius in mm	151	
run-up in sec	22	
run-down in sec. ²⁾	25	



Angle rotor, 6-place,
Cat. No. 01620A
n= 6,000 min⁻¹,
max. RCF 4,226
illustrated with adapter set
01646

capacity in ml	10	15	30	50	50	85	15	50
dimensions Ø x L mm	16 x 80	17 x 100	26 x 95	29 x 107	34 x 100	38 x 106	17 x 120	29 x 115
 n=6,000 min ⁻¹ Cat.-No. 01620A								
								
Cat.-No.	01448	01451	01447	01446	01463	—	01466	01646
tubes per rotor	12	6	6	6	6	6	6	6
RCF	3,904	3,904	3,824	4,025	4,146	4,226	3,985	
radius in mm	97	97	95	100	103	105	99	
run-up in sec	19							
run-down in sec. ²⁾	22							

4) Adapter set, 6-place, for conical 50 ml tubes with screw cap



Angle rotor, 12-place,
Cat. No. 01613
n= 6,000 min⁻¹,
max. RCF 4,146

capacity in ml	1,6-5	4-7	8,5-10	15	15
dimensions Ø x L mm	12/13 x 75	13 x 100	16 x 100	17 x 100	17 x 120
 n=6,000 min ⁻¹ Cat.-No. 01613					
					
Cat.-No.	01054-A	01058	—	—	—
tubes per rotor	12	12	12	12	6
RCF	3,300	4,146			
radius in mm	86	103			
run-up in sec	13				
run-down in sec. ²⁾	15				



Cyto rotors, 4-place and 6-place suitable for C-28A more information is available in a detailed cyto brochure.

2) Braked run down in sec.

Please make sure not to exceed the tubes
max. permissible RCF. For glass tubes the
max. RCF is 4,000