

CRYOSTATS TO -55°C

CRYOSTATS

KB 10 T 150 KB 30 T 200 KB 40 TC 150 KB 55 TC 250

PRODUCT DESCRIPTION

■ **Cryostats to -55°C:** bath volume 22 l ■ bath depth 250 mm ■ floor units with high bath volume and powerful cooling machine ■ customized special designs are possible after inquiry



PRODUCT DETAILS

TYP		KB 10 T 150	KB 30 T 200	KB 40 TC 150	KB 55 TC 250
type with cryo control		-	KB 30 T 200 K	-	KB 55 TC 250 K
temperature range	°C	-10...100	-30...100 (bis 200°C with T 200 K)	-40...100	-55...100 (bis 200°C with TC 250 K)
temperature stability (at 70°C in water)	K	±0,1	±0,01	±0,1	±0,01
bath volume	l	22	22	22	22
bath opening	cm	23x27	23x27	23x27	23x27
bath depth	cm	25	25	25	25
temperature display		LED	digital graphic display	LED	digital graphic display
resolution	K	0,1	0,1	0,1	0,1
temperature setting		digital	digital, touchpanel	digital	digital, touchpanel
resolution	K	0,1	0,1	0,1	0,1
temperature sensor		Pt 100	Pt 100, linearised	Pt 100	Pt 100, linearised
interface		-	RS 232 (V.24)	-	RS 232 (V.24)
external sensor		-	port for Pt 100	-	port for Pt 100
program controller		-	2 applets, each with 10 time / temperature segments	-	2 applets, each with 10 time / temperature segments
pump - max. flow rate		thrust: 5 l/min	thrust: 8 l/min	thrust: 20 l/min ; suck: 18 l/min	thrust: 20 l/min ; suck: 18 l/min
pump - max. pressure	bar	0,12	0,20	thrust: 0,30 ; suck: 0,20	thrust: 0,20 ; suck: 0,20
heating power	KW	1,8	1,8	1,8	1,8
cooling power (at 0°C)	W	400	500	700	950
cooling power (at -10°C)	W	200	350	600	800
dimensions (WxDxH)	cm	53,5x57x102	53,4x57x102	53,5x57x99	53,5x57x99
safety class (DIN 12876)		3	3	3	3
power supply	V/Hz	230/50	230/50	230/50	230/50
empty weight	kg	95	100	102	105