

# CRYOSTATS TO -75°C

## CRYOSTATS

KB 75 T 100   KB 75 T 200   KB 75 TC 150   KB 75 TC 250

### PRODUCT DESCRIPTION

■ **Cryostats to -75°C:** bath volume 12 l ■ bath depth 150 mm ■ floor units with powerful cooling machine ■ customized special designs are possible after inquiry



### PRODUCT DETAILS

TYP		KB 75 T 100	KB 75 T 200	KB 75 TC 150	KB 75 TC 250
<b>type with cryo control</b>		-	KB 75 T 200 K	-	KB 75 TC 250 K
<b>temperature range</b>	°C	-75...100	-75...100 (bis 200°C with T 200 K)	-75...100	-75...100 (bis 200°C with TC 250 K)
<b>temperature stability (at 70°C in water)</b>	K	±0,1	±0,01	±0,1	±0,01
<b>bath volume</b>	l	12	12	12	12
<b>bath opening</b>	cm	23x18	23x18	23x18	23x18
<b>bath depth</b>	cm	15	15	15	15
<b>temperature display</b>		LED	digital graphic display	LED	digital graphic display
<b>resolution</b>	K	0,1	0,1	0,1	0,1
<b>temperature setting</b>		digital	digital, touchpanel	digital	digital, touchpanel
<b>resolution</b>	K	0,1	0,1	0,1	0,1
<b>temperature sensor</b>		PTC	Pt 100, linearised	Pt 100	Pt 100, linearised
<b>interface</b>		-	RS 232 (V.24)	-	RS 232 (V.24)
<b>external sensor</b>		-	port for Pt 100	-	port for Pt 100
<b>program controller</b>		-	2 applets, each with 10 time / temperature segments	-	2 applets, each with 10 time / temperature segments
<b>pump - max. flow rate</b>		thrust: 5 l/min	thrust: 8 l/min	thrust: 20 l/min ; suck: 18 l/min	thrust: 20 l/min ; suck: 18 l/min
<b>pump - max. pressure</b>	bar	0,12	0,20	thrust: 0,30 ; suck: 0,20	thrust: 0,20 ; suck: 0,20
<b>heating power</b>	KW	1,8	1,8	1,8	1,8
<b>cooling power (at 0°C)</b>	W	800	800	800	800
<b>cooling power (at -10°C)</b>	W	500	500	500	500
<b>dimensions (WxDxH)</b>	cm	55x65,5x102	55x65,5x102	55x65,5x99	55x65,5x99
<b>safety class (DIN 12876)</b>		3	3	3	3
<b>power supply</b>	V/Hz	230/50	230/50	230/50	230/50
<b>empty weight</b>	kg	100	100	100	100