

# TABLE-KRYOSTATE TO -20°C

## KRYOSTATE

K 21 / K 22 T 100    K 21 / K 22 T 200    K 21 / K 22 TC 150    K 21 / K 22 TC 250

## PRODUCT DESCRIPTION

■ **K 21 series:** bath volume 8 l ■ bath depth 150 mm ■ customized special designs are possible after inquiry ■ **K 22 series:** bath volume 10 l ■ bath depth 200 mm ■ customized special designs are possible after inquiry



## PRODUCT DETAILS

TYP		K 21 / K 22 T 100	K 21 / K 22 T 200	K 21 / K 22 TC 150	K 21 / K 22 TC 250
<b>type with cryo control</b>		-	K 21 / K 22 T 200 K	-	K 21 / K 22 TC 250 K
<b>temperature range</b>	°C	-20...100	-20...100 (bis 200°C with T 200 K)	-20...100	-20...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 (K 21 / K 22)</b>	l	8 / 10	8 / 10	8 / 10	8 / 10
<b>bath opening</b>	cm	23,5x16,5	23,5x16,5	23,5x16,5	23,5x16,5
<b>bath depth (K 21 / K 22)</b>	cm	15 / 20	15 / 20	15 / 20	15 / 20
<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	0,12	0,20
<b>heating power</b>	KW	1	1,8	1,8	1,8
<b>cooling power (at 0°C)</b>	W	425	425	425	425
<b>cooling power (at -10°C)</b>	W	100	100	100	100
<b>dimensions (WxDxH)</b>	cm	30,5x45x60 (K 21)	30,5x45x60 (K 22)	30,5x45x57x67 (K 21)	30,5x45x57x67 (K 22)
<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	32	32	35	35