heidolph
research made easy

Hei-CHILL 5000
Technical datasheet



Dimensions (W × H × D)	550 x 970 x 650
Weight	98 kg
Display	3.5” TFT display (320 x 240 pixels)
Protection class (EN 60529)	IP 32
Acoustic pressure	< 70 (dB(A)) (in accordance with IEC 61010)
Protection Class	1
Overvoltage category	II
Operating temperature	-20 to 40 °C
Control accuracy	±0.05 K
Circulation pump	Max. flow rate (L at 1 bar, H2O 20°C): 20 | Max. flow pressure (bar, H2O 20°C): 2
Class. acc. DIN 12876	I/NFL
Refrigerant	R-449A
Alarm output connection	max. 30 V DC, 0.2 A
Contamination level	2
Distance to surroundings all around (cm)	50
Cooling	Air-cooled
Refrigerant fill weight max. (kg)	1,1
Thermal fluid fill volume (max./ min. (L)	33/20
Standard supply voltage	

	1 x 400 V 3/N/PE (50 Hz) or 1 x 208 - 220 V 3/PE (60 Hz
Cooling output (W)	5000
GWP(100a)*	1397
Rated power	400 V 3300 W | 208 - 220 V 3600 W
Exhaust air m3/h	2500
CO2 equivalent (t)	1.5
Storage temperature range	-20 to 50 °C