heidolph
research made easy

Hei-CHILL 5000 Base Cart
Technical datasheet



Dimensions (W × H × D)	External dimensions [W×D×H] 1100 x 730 x 730 mm | Installation dimensions [WxD] 1100 x 950 mm
Weight	145 kg
Protection class (EN 60529)	IP 20
Acoustic pressure	61 dB(A) [distance 1m]
Connection	Electrical: 208 V | 3~/N/PE | 50 Hz
Control accuracy	at -10°C: +/- 1,5 K
Working temperature range	-10°C to +40°C
Display resolution	0,1 K
Cooling capacity	at 20°C: 5000 W | at 10°C: 3500 W | at 0°C: 2500 W | at -10°C: 1100 W
Circulation pump	Flow rate [max.] 40 l/min | Flow pressure [max.] 3,0 bar
Hose connections	3/4" female thread
Coolant tank	28 l
Permitted ambient temperature range	5°C to 40°C
Max. temperature of coolant	60°C
Current [max.]	16,0 A
Class. acc. DIN 12876	I / NFL
Max. operating pressure	28 bar
Refrigerant	R513a (GWP 631)

CO2 equivalent (t)	0,57 t
Power consumption	4000 W
Filling quantity	0,900 kg