heidolph
research made easy

Hei-CHILL 700 Pro
Technical datasheet



Dimensions (W × H × D)	External: 355 x 455 x 505 mm | Installation (W x D): 355 x 755 mm
Weight	39 kg
Protection class (EN 60529)	IP 20
Acoustic pressure	49 dB(A)
Connection	Electrical: 230 V / 50 Hz
Power input	500 W
Control accuracy	at -10°C: +/- 0,5 K
Working temperature range	-10°C to +40°C
Display resolution	0,1 K
Cooling capacity	at 20°C: 700 W | at 10°C: 550 W | at 0°C: 350 W | at -10°C: 120 W
Circulation pump	Flow rate [max.] 10,5 l/min | Flow pressure [max.] 2,8 bar
Hose connections	3/8" female thread
Coolant tank	5,5 to 9,0 l
Permitted ambient temperature range	5°C to 40°C
Max. temperature of coolant	60°C
Current [max.]	3,0 A
Class. acc. DIN 12876	I / NFL
Max. operating pressure	25 bar
Refrigerant	R290 (GWP 3*)