Recirculating Cooler
Refrigerating: -80°C ~ 40°C



ICooler-2006 ICooler-2009 ICooler-2017 ICooler-4020E

Key Features

- Splash-proof keypad with large and bright display, easy operation
- Pressure/suction pump for open and closed external application
- Overflow protection for filling safety
- Optical and acoustic safety warning
- The removable venting grid allows an easy cleaning of the condenser
- The combination of EEV and PID control technology, energy saved
- Compact models are ideal for placement on table and fume hood
- Easy filling and drain
- Filling level indicator
- RS485/RS232 interface for external remote control (Optional)

Applications

- Rotary evaporator (1-3L, 5L, 10L, 20L,50L), reactor system, bioreactor
- Jacketed reactors, reactors systems and autoclaves for polymerization and polycondensation etc
- Distillation system for mini plants and pilot plants
- Combinatorial chemistry, reactor blocks, organic synthesis, reaction calorimeters, distillation semiconductor industry
- Concentrator, Kjeldahl nitrogen analyzer, Soxhlet extractor, electrophoresis tank, calorimeter
- Vacuum chambers

Product Parameters

Model	Temp. Range (°C)	Temp. Stability (°C)	Heating Capacity (W)	Pump Max. Flow Rate (L/min)	Pump Max. Pressure (bar)	Pump Suction (bar)	Bath Volume (L)	Dimensions (W*D*H)(mm)
ICooler-2003	-20 ~ 40	±0.3	450	12	0.2	0.1	3.0	220x420x495
ICooler-2006	-20 ~ 40	±0.3	700	22	0.3	0.2	5.0	220x420x495
ICooler-4006	-40 ~ 40	±0.3	800	22	0.3	0.2	5.0	220x420x495
ICooler-2009	-20 ~ 40	±0.5	1200	22	1.0	---	9.0	300x480x630
ICooler-4009	-40 ~ 40	±0.5	1500	22	1.0	---	9.0	300x480x630
ICooler-2017	-20 ~ 40	±0.5	2400	22	1.0	---	17.0	400x550x670
ICooler-4017	-40 ~ 40	±0.5	2400	22	1.0	---	17.0	400x550x670
ICooler-2020E	-20 ~ 40	±0.5	3200	33.3	0.7	0.4	20	450x550x1150
ICooler-4020E	-40 ~ 40	±0.5	3200	0 ~ 33.3	0 ~ 0.7	0 ~ 0.4	20.0	450x550x1150
ICooler-4020	-40 ~ 40	±0.5	5500	0 ~ 33.3	0 ~ 0.7	0 ~ 0.4	20.0	560X650X1300
ICooler-8005	-80 ~ 20	±0.5	400	0 ~ 25	0 ~ 0.4	0 ~ 0.3	5.0	355x455x865
ICooler-8005A	-80 ~ 20	±0.5	800	0 ~ 33.3	0 ~ 0.7	0 ~ 0.4	5.0	450x515x865