TC50E

Immersion Cooler with air-cooled refrigerating unit. Electronic temperature control and digital display. Housing of stainless steel with 2 handles, condensing probe of stainless steel and flexible cooling connection line in special single-tube construction, protective hose with smooth surface. The refrigeration unit works continuously. The temperature control actuates a solenoid valve in the cooling circuit. The temperature sensor is connected to the device with cable and plug.

MPC-Controller:
Modern and easy to use microprocessor controller with a large temperature display.
Limited to essential functions only:
* Large temperature display
* LED indicator for cooling
* Simple operation using only 3 keys

Technical data according to DIN 12876

Operating temperature range	-50...50 °C
Temperature stability at -10°C	0,5 K
temperature set point / display	digital
Temperature indication	digital
Sensor external connection	Pt100
Cooling power	.
at 0°C	0,3 kW
at -20°C	0,26 kW
at -30°C	0,2 kW
Safety classification	I / NFL
Refrigeration machine	air-cooled, natural refrigerant
Refrigerant (ASHRAE, GHS)	R-290 (A3, H220)
Global Warming Potential (GWP)	0,02
Refrigerant quantity	0,06 kg
CO2 equivalent	0,0 t
Nominal diameter probe	48 mm
Length of probe	155 mm
Length flexible connection	1150 mm
Overall dimensions WxDxH **	260x330x415 mm
Net weight	25 kg
Power supply requirement	110-120V 1~ 50/60Hz
max. current	6,5 A
min. Fuse	10A
max. Fuse	15A
Pressure equipment category	Art. 4.3 PED
min. ambient temperature	5 °C
max. ambient temperature	40 °C



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Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.

Included Accessories:
Pt100 sensor (Part.No. 6138)