



HUA HAI

华海科技有限公司

Huahai Technology Co., Ltd

Specification



Model:S1-LA-0300-D012-10

RevA0



1. Products Description

S1-LA-0300-D012-10 The liquid refrigeration system is a recirculation refrigerator that controls the liquid loop Coolant temperature provides reliable, compact performance parameters. The heat from the coolant is absorbed by the heat exchanger and passes through High density heat sink with brand fan. Thermoelectric refrigerators (TECs) are customized for long life operation.

The temperature of the outlet liquid path can be adjusted from 0°C to 40°C, and the accuracy can reach 0.1 degrees.

2. Product characteristics

- 1) Compact structure design;
- 2) High precision temperature control;
- 3) High reliability;
- 4) Operation under DC voltage environment;
- 5) Low noise;
- 6) Comply with RoHs.

3. Application field

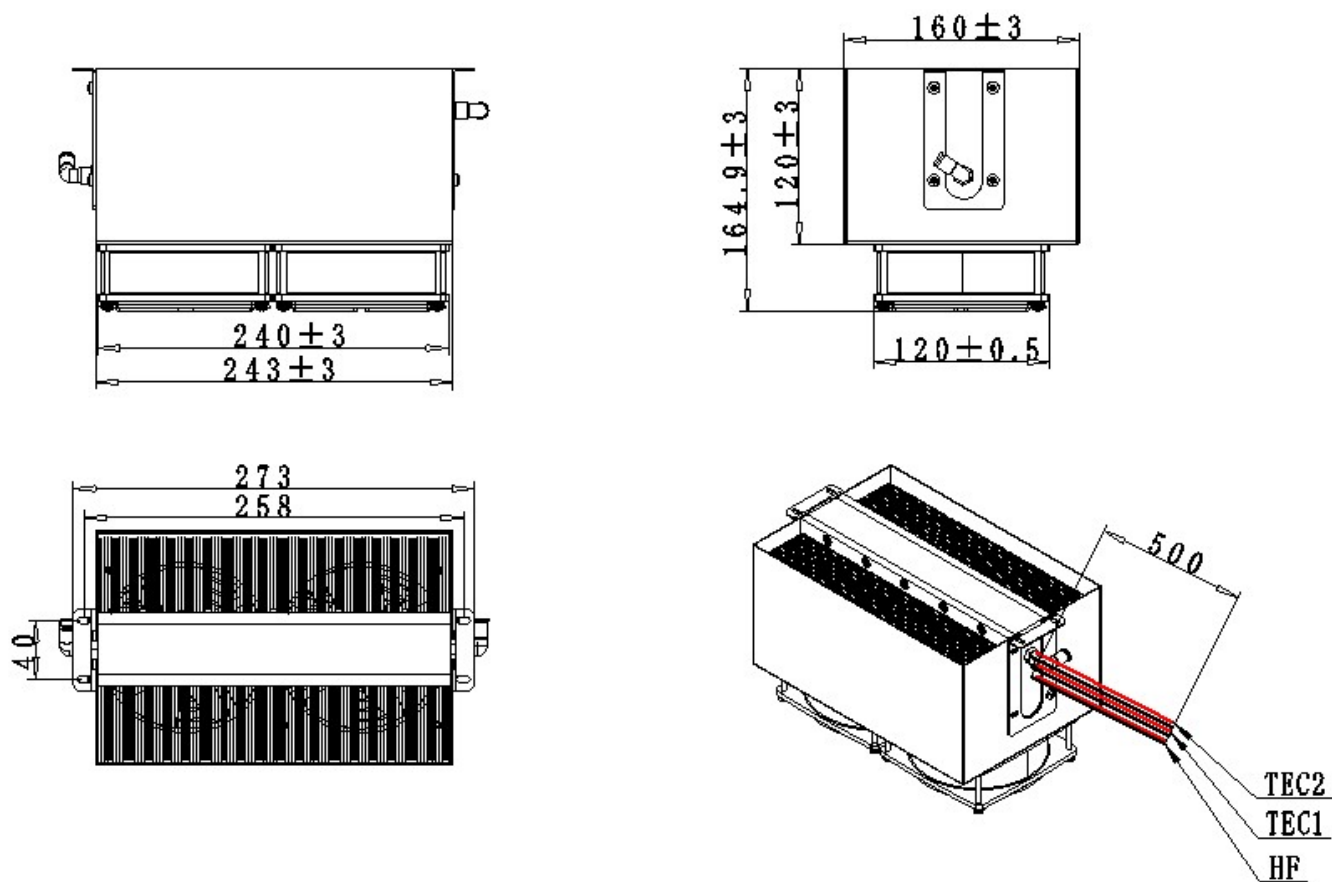
- 1) Medical analyzer
- 2) Laser cooling

4. Technology Parameter

Item	Value
Operating temperature range	0~45°C
Voltage	12VDCRated/15VDCMax
Electric current	34Astable/40AStart
Power	408W
Cooling Power	Qmax=300W
Tolerance Range	10%
Fan Life	50000hours



5. Products dimensional drawings



6. Product performance Graphs

