

## Low temperature chamber ▶▶

### ETSP-LTO series

**ETSP-LTO** series are low temperature chambers for durability or operating status of parts and products in extreme conditions. Solved noise, temperature variations, unbalanced air distribution inside the chamber.

**ETSP-LTO** series are manufactured according to the Total Quality procedures, in compliance with the ISO 9001 standard.



ETSP-LTO series

#### General Features

- Silent compressors using ecologically friendly refrigerants.
- Uniform temperature inside chamber
- Fast temperature heat up and cool down rate
- Friendly, flexible, up-to date control and management systems.
- Noise reduction system.
- Allows easy servicing and upgrades.
- RS232/485 data interface

#### Technical Features

Temperature range	-40°C ~+180°C (single stage refrigeration system) -70°C ~+180°C (cascade refrigeration system)
Temperature accuracy	less than $\pm 0.1^{\circ}\text{C}$
Temperature stability	less than $\pm 0.5^{\circ}\text{C}$ at steady state conditions
Temperature uniformity	less than $\pm 1\%$ of setpoint (less than $\pm 0.1^{\circ}\text{C}$ at 100°C)
Heating rate	0.5 ~ 5°C/min
Cooling rate	0.5 ~ 5°C/min
Condensing	Air cooled or water cooled type
Input Power Requirements	230V $\pm 10\%$ , 380V $\pm 10\%$ , 50Hz/60Hz, 1PH/3PH (Changeable according to customer specification)