

# XS series Stirling Cooler

## XS 系列斯特林制冷机



The XS series are free-piston Stirling Coolers, using natural He gas, complete CFC free cooling systems. With advantages of lightweight, compact-size, energy-saving, they are widely used for precise temperature control for under -50°C applications.

XS 系列斯特林制冷机使用氦气作为冷媒，无毒无污染。得益于其紧凑轻量的外形、高能效比、温控精准等优点，广泛应用于零下50度及以下超低温工况。

Model	Nominal Capacity	Power	Cooling Head Setting Temp.	Working Ambient Temp.
XS20	20 Watts	AC 2.0-8.5V, 7A (RMS)	-100°C - 0°C	0°C - +40°C
XS40	40 Watts	AC 2.0-8.5V, 7A (RMS)	-100°C - 0°C	0°C - +40°C
XS80	80 Watts	AC 2.0-16.0V, 9A (RMS)	-100°C - -20°C	0°C - +35°C
XS150	150 Watts	AC 2.0-14.0V, 12A (RMS)	-120°C - 0°C	0°C - +40°C

### FEATURES:

- \* Suitable for strict temperature control below -80°C, can reach to -80°C in a few minutes
- \* Installed PCB and suitable fan, precise temperature control with accuracy +/-0.1°C
- \* He gas is used as refrigeration medium for zero global warming
- \* Compact and lightweight, vibration-free

- \* 适用于 -80°C 工况可实现精确温控，可在几分钟内达到 -80°C
- \* 配备 PCB 控制板和无极风扇，可实现 +/-0.1°C 的温控精度
- \* 使用氦气作为冷媒，环保无污染，不产生温室效应
- \* 轻量化外形、结构紧凑，运行振动小