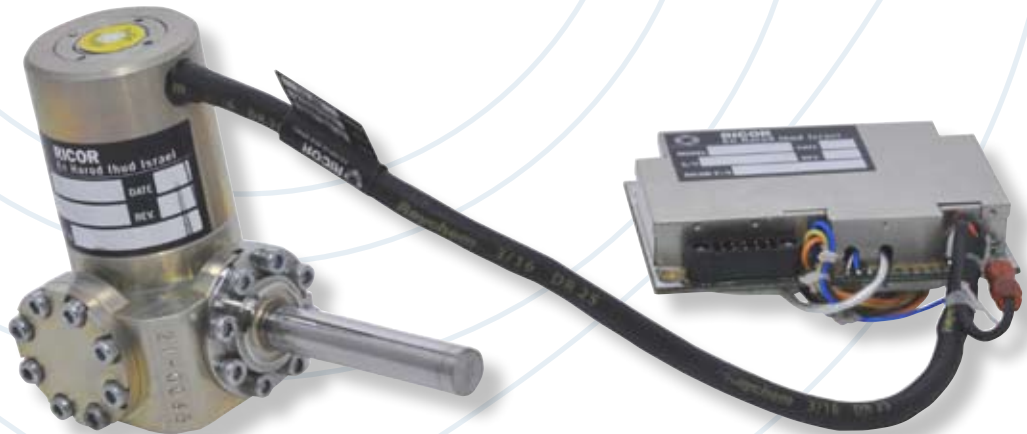


# K562S

## Integral Stirling Low Power Mini Microcooler



Model K562S represents the ultimate miniaturization of RICOR's integral rotary Stirling mini micro coolers. Weighing only 185 grams and consuming less than 3 Watt, this cooler was specially developed to support miniature IR systems where the IR detector operates at temperatures of 95K and above. The basic design concept is based on RICOR's renowned integral rotary coolers known for their battle proven reliability and ruggedness. The K562S is driven by a novel digital sensorless controller which excels in low temperature drift and accurate temperature stability.

### Detectors

Small Format Array  
Mid Format Array  
HOT FPA  $\geq 95K$

### Applications

Hand Held Thermal Imagers  
Thermal Weapon Sights  
Miniature Payloads  
UAV's



**RICOR**  
Cryogenic & Vacuum Systems



