

OASIS

The Smallest Recirculating Chiller on the Planet



160 W to 190 W

- Low-light CCD cameras
- Diode lasers
- OEM medical equipment
- Laboratory equipment
- Microtiter plate temperature control
- Point-of-use temperature control



The Right Temperature Without Fail

Solid State Cooling Systems



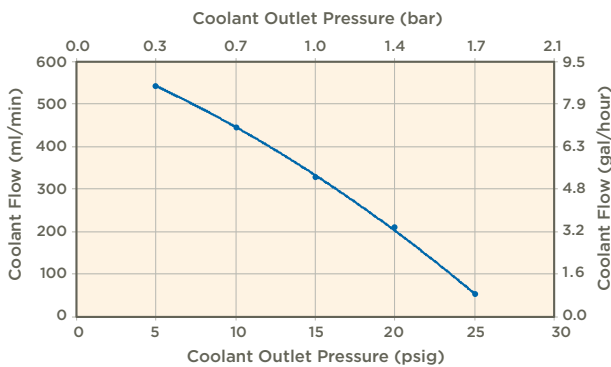
Ultra-compact, quiet operation, and precise, reliable thermoelectric technology

Available with a 160-190 Watt capacity, the Oasis chiller delivers precise temperature control using ultra-reliable thermoelectric modules with lifetimes exceeding 200,000 hours. Oasis responds instantaneously to changes in load, holding to ± 0.1 °C, even near ambient, and its universal, variable power supply does so at minimal energy cost.

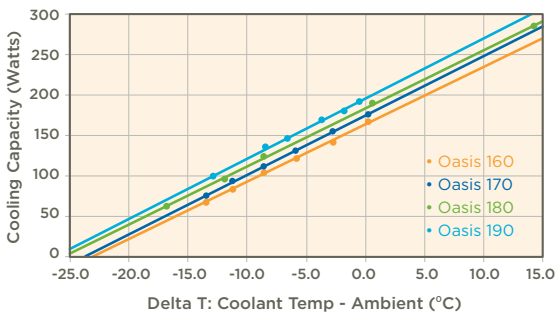
As the world's smallest, air-cooled recirculating chiller, Oasis fits easily inside your equipment or on your table top. And its standard RS232 interface for fixed or cycling temperature control makes Oasis simple to use.

For complete information: sscooling.com/oasis160

OASIS PUMP CURVE



OASIS COOLING CURVES 500 ML/MIN 27% PROPYLENE GLYCOL/WATER (KOOLANCE) COOLANT



SPECIFICATIONS

Operating Range	2 to 45 °C: 160 / 180W models only 10 to 45 °C: 170 / 190W models only* <i>*non condensing environment</i>
Tank Volume	75 ml
Cooling Capacity	160 -190 W @ 20 °C (20 °C ambient) See cooling curves
Communications	Dry contact alarm and RS232 standard
Modes	Cool, heat, cycle
Connections	1/8" CPC with shut-off valve
Repeatability	± 0.1 °C with a constant load
Noise	<65 dBA at 3 feet
Coolant	27% propylene glycol/water preferred, ethylene glycol/water, OptiShield Plus or water acceptable
Wetted Materials	Al and polymers or Cu and polymers
Size (L x W x H)	7.5" x 5" x 7" (19 x 13 x 18 cm)
Operating Voltage	13.5 VDC, 14.5 amps maximum (universal input, laptop style power supply included)
Weight	8 lbs (3.5 kg)
Power	Universal input, 100 - 240 VAC, 50/60 Hz.
Power Consumption	Less than 200 Watts
Standards	CE, TUV listed to CSA/UL 61010-1
Pump	Magnetically-coupled gear pump with brushless DC motor (10,000 hr MTBF)

SOLID STATE COOLING SYSTEMS