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TARK THERMAL
SOLUTIONS

NRC400

Thermoelectric Performance Chiller

NRC400 Performance Chiller

- Thermoelectric Cooling
- Precise Temperature Control
- Compact Form Factor
- Reliable Solid-State Operation
- Intuitive User Interface
- Low Noise Operation

400

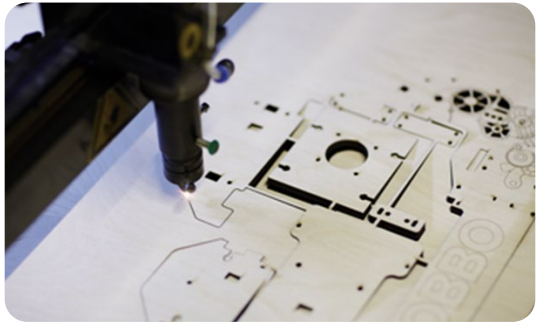
Watts of Cooling Power

0

Global Warming Potential

Application Overview

Laboratory Equipment



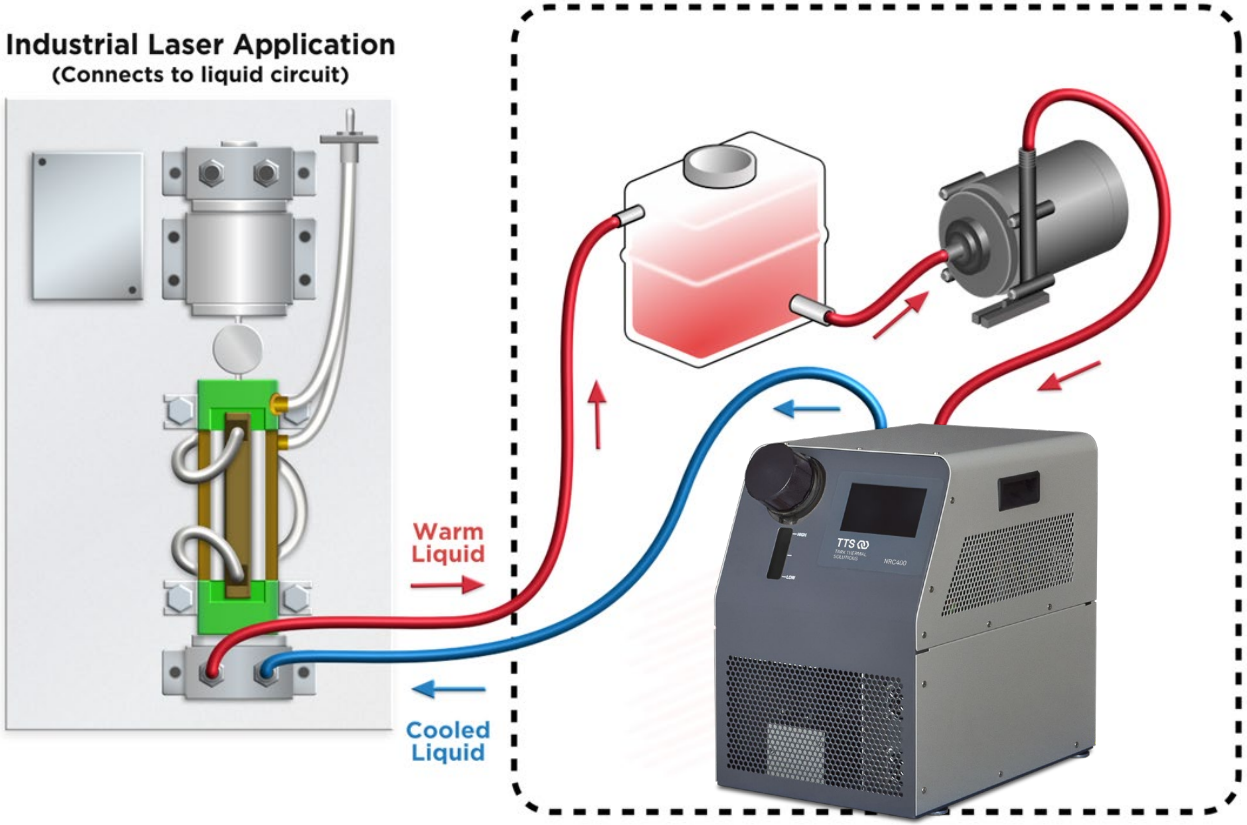
Low-Power Industrial Lasers

Semiconductor Metrology & Inspection Systems

Why Thermoelectric Chillers?

- High Temperature Stability
- Portable
- Low Noise & Vibration
- High Reliability
- User Friendly
- Eco-Friendly

How do thermoelectric chillers work?



Performance Recirculating Chiller Family

Conclusion

Thermoelectric coolers are used for spot cooling of sensitive laser components

Need of precise temperature control	TECs provide superior spot cooling	UltraTEC™ UTX boosts cooling capacity by 10%	Utilizing an ambient liquid cooling system
Temperature Changes result in poor welding or less precise cut	Can be mounted onto the side of the lens or the fixture holding the lens as well as inside laser diodes.	Greater heat pumping capacity and higher thermal insulating barrier than standard materials.	Will route heat where there is more space to dissipate heat away

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Tark Thermal Solutions is the optimum choice for standard or custom thermal systems

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