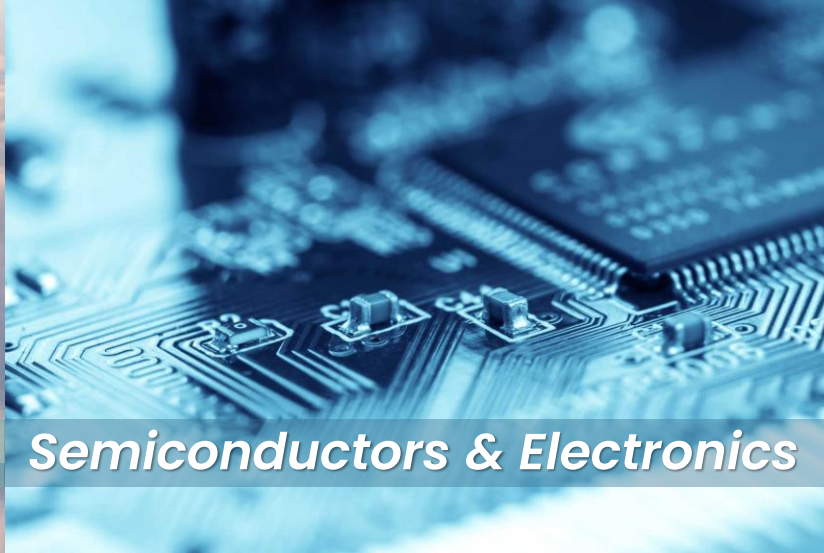






MIL-STD



Semiconductors & Electronics



Medical Chillers

Innovative Cooling / Heating Systems **Wherever you need**

A hand holding a black pen points to a technical drawing of a mechanical component, possibly a turbine or engine part, displayed on a laptop screen. The drawing is a blue line drawing on a dark background, showing various internal components and dimensions. The laptop is on a desk, and a calculator is visible on the left. The text "About eldrotec" is overlaid on the left side of the screen, and "FROM CONCEPT TO PRODUCTS" is overlaid in large white letters across the center of the screen.

About eldrotec

FROM CONCEPT TO PRODUCTS

About eldrotec

Eldrotec Ltd. since 2009 (Before from 1991 ABS Cooling) is a company focuses on Innovative Thermal solutions, R&D, engineering and manufacturing of **cooling and heating systems** with precise temperature management and control, Our uniqueness is the ability to meet the needs and challenges of our customers, even when we need to think outside the box, adjusting the size and weight of the system, and also adapting the capacities and environmental conditions, The systems and solutions we provide, combine innovative patents that we have developed according to the different needs, for industries:

MIL-STD: Cooling & heating systems and solutions

Medical: Serial Chillers & Thermal Solutions

Semiconductors & Electronics: Temperature Forcing Systems and labs Chillers

About eldrotec

We develop, design and manufacture unique cooling and heating systems, according to the requirements and quantities required.

We provide systems with excellent service, both in production of **single system** only and in **serial production**

We have proven ability to remove high-power heat through our unique thermal interfaces, quickly and accurately

We specialize in software, programming and control in accordance with all the existing applications

About eldrotec

Specializing in R&D Design and Production of Cooling \ Heating systems and solutions

Highly experienced team with advanced technology development capabilities

Solid R&D background in Mechanical and automation

Innovative registered patent in the field of Cooled and Hot solutions

Specialization in software And control systems

Effective solutions in various market application around the world

Dedicated teams supporting customer from the planning to the production stages

Development of future solutions to address evolving market needs

Adapting the design and production to the relevant standards

About eldrotec

eldrotec Thermal Systems: Provide solutions for a variety of areas such as Devices Temperature control, Thermal Management, Climate Control, Unique Air conditioning, Custom Chillers, Electronic device and Material testing, characterization and verification on test & production

eldrotec Provide Turn-Key Solution included: Thermal, Mechanical, Control, Electrical, Software, Training & Service

eldrotec specialize in: R&D > Design > Prototype > Quality Control > Production > HVM

Modelling, Analysis and Simulation: thermal and mechanical issues by advanced technology

Quality Control & Procedures comply with: ISO9001, ISO13485, ISO9100, MIL-STD, Aviation standard

Cooling Capacity: Meet Wide range of power

Temperature Range: -75 °C to 300 °C

Working Ambient Temperature: -40 °C to 50 °C

Storage Ambient Temperature: -40 °C to 70 °C

Systems dimensions: Very Small Thermal Systems As well as Large and complex Thermal systems

Management

CEO

Eli Ben
Simchon

Management

Shimon Benita
VP COO

BD &
Marketing

Dror Bitton
CTO

Arik Weis
CFO

HR

Departments

Supply chain
Production
QA

Electrical
Electronics
Software
Control

Thermodynamics
Hydraulics
Mechanics

Accounting
Procurement
Administration

Operation
Projects
Outsourcing



MIL-STD

Cooling & heating systems and solutions



Standards:
ISO 9001-2015
MIL-STD
Comply to AS9100



MIL-STD

Cooling & heating systems and solutions



Standards:
ISO 9001-2015
MIL-STD
Comply to AS9100



MIL-STD

Cooling & heating systems and solutions

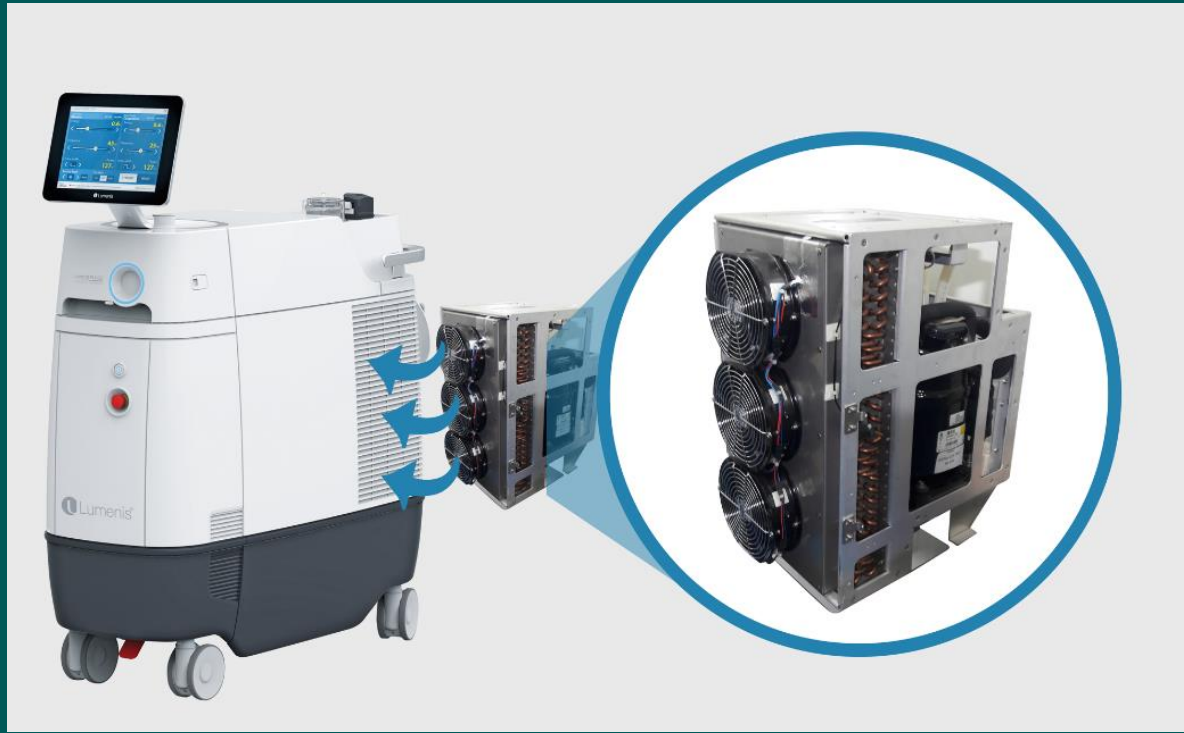


Standards:
ISO 9001-2015
MIL-STD
Comply to AS9100



MIL-STD

Cooling & heating systems and solutions



Medical

Custom Chillers & Thermal Solutions



Semiconductors & Electronics

Temperature Forcing Systems and unique chillers

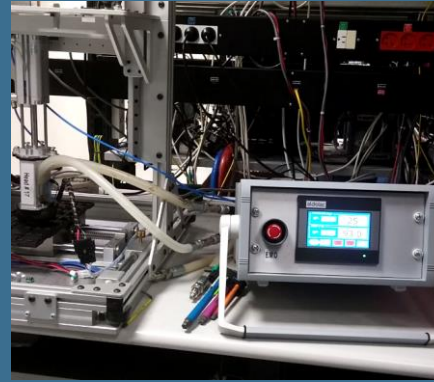
Temperature Forcing Systems
Direct contact



Temperature Forcing Systems
Air Flow / Jet



TEC Controllers
All in One



Cold / Hot
Plate



Eldro-Chillers
Recirculating Liquid
Chillers



Semiconductors & Electronics

Thermal Forcing Systems and unique chillers

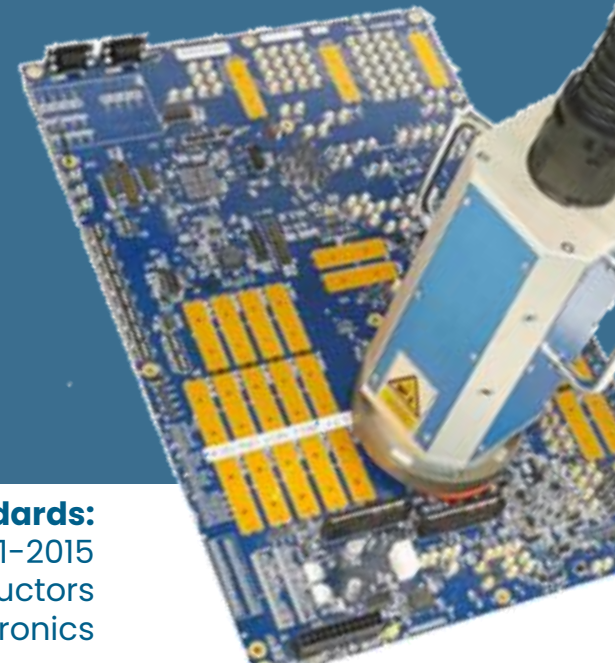
Temperature Forcing Systems

For the New High-Power DUT's

Temperature Range	-75°C to 170°C
Power Range	0 to 600W

Packages Supported:

*IC, CPU, GPU, DPU,
BGA, FCBGA, LGA, QFN, QFP, CSP, WLCSP,
Bare Die, and another Device Under Test...*



Thermal Forcing Systems – All in One Controllers

Low Power

–40°C to 150°C

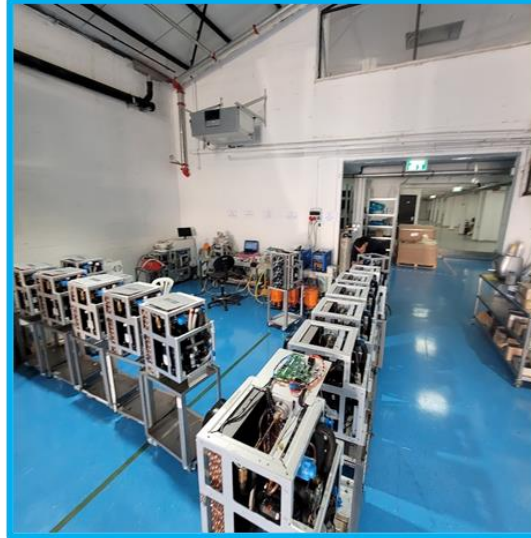
TEC Controller - Power, Operate, Control and Monitoring

* Variable Voltage, DC Inverter (NO PWM)

CTI-20 Specification

- ✓ Temperature - Precise control according to the SP, 0.1°C ±
- ✓ Suitable for any testing process
- ✓ Control over the speed of heating and cooling
- ✓ A full report on all faults
- ✓ Included High efficiency power supply 300 w (optional Up to 600 w)
- ✓ 0.1- 48 V DC
- ✓ -40 C° to 150 C°





Thank You