

ENG

# DHeat

Electronics for professional food service, pizza & bakery

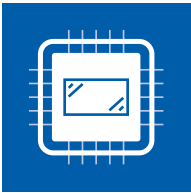


## Electronics solutions for professional food service, pizza & bakery

The DHeat product range was created to meet all the needs of the pizza, bakery and professional catering world.

The power boards offered by DTI, controlled by highly optimized and intuitive interfaces, guarantee cutting-edge performance and support all the requirements of this sector.

The collection of data on consumption, maintenance to be carried out and programming settings are parameters that can be punctually managed via DTI's IoT platform.



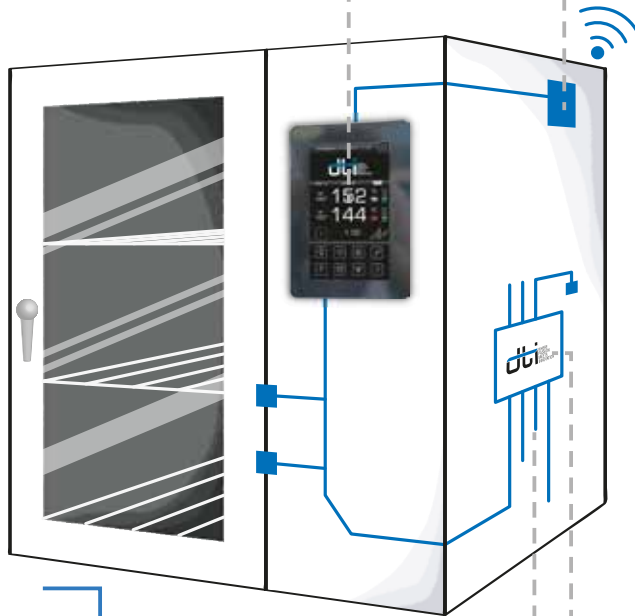
# DHeat

## USER INTERFACE

Display, touch screen and capacitive keyboard.

## IOT

Wi-Fi interface/ethernet/BLE for remote control and parameter setting, webservice in cloud and app.



## WIRING

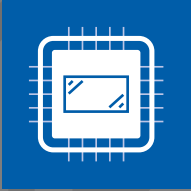
High-temperature cables, multicore cables for power supply.

## POWER CONTROL

Temperature and pressure control, level regulator, volumetric and timed dosing.

## FIELDS OF APPLICATION

- static and convection ovens
- steam ovens
- fryers
- pasta cooker
- fry top
- refrigerated counters



# DHeat solutions

## DHeat-M

- **Sky-platea** control electronics for different types of ovens dedicated to the **pizza&bakery world**, consisting of power unit and display interface. Management of temperature parameters with **PID algorithm**, **programming** of cooking phases, **steam**, **timer**, on/off, manual mode.

## DHeat-S

- Advanced electronics for **professional catering cooking equipment**, consisting of power unit and display interface. Complete temperature and cooking parameter management with specific functions such as **basket lift**, **melting cycle** and loading cycle with **two level probes**.

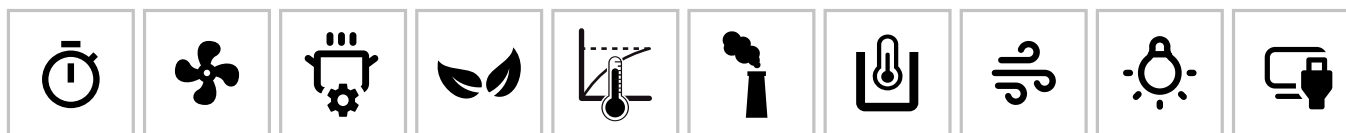


# DHeat-M TECHNICAL FEATURES

■ <b>Power supply</b>	12VDC
■ <b>Inputs</b>	2 analogue for thermocouple (j or k)
	3 digital 5V
■ <b>Outputs</b>	3 relè 16A
	4 relè 5A
	2 SSR outputs
	1 12 VCC for engine
■ <b>Communication type</b>	RS485 Modbus



Proposed interface Dheat-M with 5" - 7" LCD



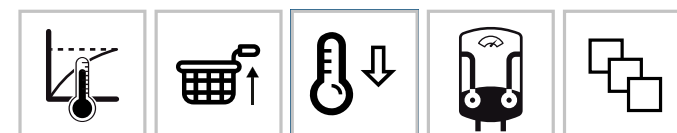
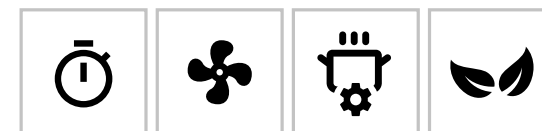


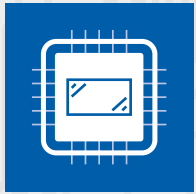
# DHeat-S TECHNICAL FEATURES

■ <b>Power supply</b>	230Vac ±10% 50/60Hz
	110Vac ±10% 50/60Hz
■ <b>Inputs</b>	2 analogue for temperature (2 PT1000 or thermocouple)
	3 digital 5V
	1 analogue for trimmer
■ <b>Outputs</b>	3 relè 5A
	2 SSR outputs
■ <b>Communication type</b>	RS485 Modbus



Proposed interface Dheat-S with 4,3" LCD





# FUNCTIONS DESCRIPTION



Cooking timer



Cooking Fan



Programming by cooking steps



Loading cycle with double-level probe



Temperature control with PID algorithm



Chimney



Core temperature



Cooking steam



Internal light



Uploading programs from USB



Basket lifter



Melting cycle



Eco-mode



Multi-application use



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