



# **Thermo ADI Series**

Austempering batch furnaces

Main Features:

- Flexibility
- Atmosphere safety system
- Reliability
- Strong structure
- Fast temperature rise
- Process quality report produced by the control system
- Self-diagnosis and easy maintenance

General Purpose:

- Austempering
- Carburising
- Normalising
- Salt Hardening



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The Thermo-ADI batch is a single unit high temperature batch furnace, equipped with a salt hardening quench and vestibule.

The furnace can be employed with a suitable atmosphere ideal for carburising, carbonitriding, hardening and tempering.

The range of temperature is from 780°C to 1100°C with a uniformity of  $\pm 5^\circ\text{C}$ , achieved through two atmosphere circulation fans.

Heating is provided by 4 gas burners fitted inside an equal number of high diameter gas burners on both sides of the chamber.

The furnace is equipped with PID temperature controller that allows high flexibility.

A Siemens PLC supervises all the operations from loading to processing.



Model	Loading bed dimension	Capacity	Temperature °C	Uniformity	Heating Power
Thermo-ADI	910x1830x910	2.722 Kg	954	$\pm 5^\circ\text{C}$	378.000 Kcal/h

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