

## Magistar Combi TS Electric Combi Oven 8 trays, 400x600mm Bakery

ITEM # \_\_\_\_\_

MODEL # \_\_\_\_\_

NAME # \_\_\_\_\_

SIS # \_\_\_\_\_

AIA # \_\_\_\_\_



**218705 (ZCOE101T2AB)** Magistar Combi TS combi boiler oven with touch screen control, 8 400x600mm, electric, 3 cooking modes (automatic, recipe program, manual), automatic cleaning, for bakery/pastry, pitch 80 mm

### Short Form Specification

#### Item No.

Combi oven with high resolution full touch screen interface, multilanguage

- Built-in steam generator with real humidity control based upon Lambda Sensor
- AirFlow air distribution system to achieve maximum performance with 7 fan speed levels
- HP Automatic Cleaning: Automatic and built-in self cleaning system with integrated descale of the steam generator. 5 automatic cycles (soft, medium, strong, extra strong, rinse-only) and economizer functions to save energy, water, detergent and rinse aid
- Cooking modes: Automatic (9 food families with 100+ different pre-installed variants); Programs (a maximum of 1000 recipes can be stored and organized in 16 different categories); Manual (steam, combi and convection cycles); Specialistic Cycles (regeneration, Low Temperature Cooking, proving, EcoDelta, Sous-Vide, Static-Combi, Pasteurization of pasta, dehydration, Food Safe Control and Advanced Food Safe Control)
- Special functions: MultiTimer cooking, Cooking Optimizer to cut running costs, Make-it-Mine to customize interface, Match connection to Rapido Chiller, SoloMio to customize homepage, agenda Calendar, automatic backup mode to avoid downtime
- USB port to download HACCP data, programs and settings. Connectivity ready
- 6-point multi sensor core temperature probe
- Double glass door with LED lights
- Stainless steel construction throughout
- Supplied with n.1 pastry tray rack 400x600 mm, 80 mm pitch.

### Main Features

- 2 different chemical options available: solid and liquid (requires optional accessory).
- Capacity: 8 GN 1/1 400x600mm trays.
- Built-in steam generator for highly precise humidity and temperature control according to the chosen settings.
- Real humidity control based upon Lambda Sensor to automatically recognize quantity and size of food for consistent quality results.
- Dry, hot convection cycle (25 °C - 300 °C): ideal for low humidity cooking.
- Combination cycle (25 °C - 300 °C): combining convected heat and steam to obtain humidity controlled cooking environment, accelerating the cooking process and reducing weight loss.
- Low temperature Steam cycle (25 °C - 99 °C): ideal for sous-vide, re-thermalization and delicate cooking. Steam cycle (100 °C): seafood and vegetables. High temperature steam (25 °C - 130 °C).
- Automatic mode including 9 food families (meat, poultry, fish, vegetables, pasta/rice, eggs, savory and sweet bakery, bread, dessert) with 100+ different pre-installed variants. Through Automatic Sensing Phase the oven optimizes the cooking process according to size, quantity and type of food loaded to achieve the selected cooking result. Real time overview of the cooking parameters. Possibility to personalize and save up to 70 variants per family.
- Special Cycles:
  - Regeneration (ideal for banquetting on plate or rethermalizing on tray),
  - Low Temperature Cooking (to minimize weight loss and maximize food quality),
  - Proving cycle,
  - EcoDelta cooking, cooking with food probe maintaining preset temperature difference between the core of the food and the cooking chamber,
  - Sous-vide cooking,
  - Static Combi (to reproduce traditional cooking from static oven),
  - Pasteurization of pasta,
  - Dehydration cycles (ideal for drying fruits, vegetables, meats, seafood),
  - Food Safe Control (to automatically monitor safety of cooking process in compliance with HACCP hygienic standards),
  - Advanced Food Safe Control (to drive the cooking with pasteurization factor).
- Programs mode: a maximum of 1000 recipes can be stored in the oven's memory, to recreate the exact same recipe at any time. The recipes can be group in 16 different categories to better organize the menu. 16-step cooking programs also available.
- MultiTimer function to manage up to 20 different cooking cycles at the same time, improving flexibility and ensuring excellent cooking results. Can be saved up to 200 MultiTimer programs.
- OptiFlow air distribution system to achieve maximum performance in chilling/heating evenness and temperature control thanks to a special design of the chamber.
- AirFlow air distribution system to achieve maximum performance in chilling/heating evenness and

**APPROVAL:** \_\_\_\_\_

temperature control thanks to a special design of the chamber combined with high precision variable speed fan.

- Fan with 7 speed levels from 300 to 1500 RPM and reverse rotation for optimal evenness. Fan stops in less than 5 seconds when door is opened.
- 6-point multi sensor core temperature probe for maximum precision and food safety.
- Pictures upload for full customization of cooking cycles.
- Automatic fast cool down and pre-heat function.
- Grease Collector: predisposed for integrated grease drain and collection for safer operation (dedicated base as optional accessory).
- USB port to download HACCP data, share cooking programs and configurations. USB port also allows to plug-in sous-vide probe (optional accessory).
- Back-up mode with self-diagnosis is automatically activated if a failure occurs to avoid downtime.

## Construction

- Integrated door shield to avoid steam and heat dispersion from the door, when the roll-in rack is not used.
- Double thermo-glazed door with open frame construction, for cool outside door panel. Swing hinged easy-release inner glass on door for easy cleaning.
- Hygienic internal chamber with all rounded corners for easy cleaning.
- 304 AISI stainless steel construction throughout.
- Front access to control board for easy service.
- Integrated spray gun with automatic retracting system for fast rinsing.
- IPX 5 spray water protection certification for easy cleaning.

## User Interface & Data Management

- Connectivity ready for real time access to connected appliances from remote and data monitoring (requires optional accessory – contact the Company for more details).
- High resolution full touch screen interface (translated in more than 30 languages) - color-blind friendly panel.
- Make-it-mine feature to allow full personalization or locking of the user interface.
- SoloMio lets the user group the favorite functions in the homepage for immediate access.
- Calendar works as an agenda where the user can plan the daily work and receive personalized alerts for each task.
- With Match function the Oven and the Blast Chiller are connected to each other and communicate in order to guide the user through the cook&chill process optimizing time and efficiency (requires optional accessory).
- Connectivity ready for real time access to connected appliances from remote and HACCP monitoring (requires optional accessory).
- Trainings and guidances supporting materials easily accessible by scanning QR-Code with any mobile device.
- Automatic consumption visualization at the end of the cycle.

## Sustainability

- Reduced power function for customized slow cooking cycles.
- HP Automatic Cleaning: Automatic and built-in self cleaning system with integrated descale of the steam generator. 5 automatic cycles (soft, medium, strong, extra strong, rinse-only) and green functions to save energy, water, detergent and rinse aid. Also programmable with delayed start.
- Cooking Optimizer function organizes the cooking

sequence of the chosen cycles optimizing the work in the kitchen from a time and energy efficiency point of view.

## Included Accessories

- 1 of Bakery/pastry rack kit for 10 GN 1/1 oven with 8 racks 400x600mm and 80mm pitch PNC 922656

## Optional Accessories

- External reverse osmosis filter for single tank Dishwashers with atmosphere boiler and Ovens PNC 864388
- Water filter with cartridge and flow meter for high steam usage (combi used mainly in steaming mode) PNC 920003
- Water filter with cartridge and flow meter for low steam usage (less than 2 hours of full steam per day) PNC 920004
- Water softener with salt for ovens with automatic regeneration of resin PNC 921305
- Wheel kit for 6 & 10 GN 1/1 and 2/1 GN oven base (not for the disassembled one) PNC 922003
- Pair of AISI 304 stainless steel grids, GN 1/1 PNC 922017
- Pair of grids for whole chicken (8 per grid - 1,2kg each), GN 1/1 PNC 922036
- AISI 304 stainless steel grid, GN 1/1 PNC 922062
- Grid for whole chicken (4 per grid - 1,2kg each), GN 1/2 PNC 922086
- External side spray unit (needs to be mounted outside and includes support to be mounted on the oven) PNC 922171
- Baking tray for 5 baguettes in perforated aluminum with silicon coating, 400x600x38mm PNC 922189
- Baking tray with 4 edges in perforated aluminum, 400x600x20mm PNC 922190
- Baking tray with 4 edges in aluminum, 400x600x20mm PNC 922191
- Pair of frying baskets PNC 922239
- AISI 304 stainless steel bakery/pastry grid 400x600mm PNC 922264
- Double-step door opening kit PNC 922265
- Grid for whole chicken (8 per grid - 1,2kg each), GN 1/1 PNC 922266
- USB probe for sous-vide cooking PNC 922281
- Grease collection tray, GN 1/1, H=100 mm PNC 922321
- Kit universal skewer rack and 4 long skewers for GN 1/1 ovens PNC 922324
- Universal skewer rack PNC 922326
- 4 long skewers PNC 922327
- Multipurpose hook PNC 922348
- 4 flanged feet for 6 & 10 GN , 2", 100-130mm PNC 922351
- Grid for whole duck (8 per grid - 1,8kg each), GN 1/1 PNC 922362
- Thermal cover for 10 GN 1/1 oven and blast chiller freezer PNC 922364
- Tray support for 6 & 10 GN 1/1 disassembled open base PNC 922382
- Wall mounted detergent tank holder PNC 922386
- USB single point probe PNC 922390

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|   |            |                          |   |            |                          |
|---|------------|--------------------------|---|------------|--------------------------|
| • IoT module for OnE Connected and Match (one IoT board per appliance - to connect oven to the blast chiller for Cook&Chill process).       | PNC 922421 | <input type="checkbox"/> | • Heat shield for 10 GN 1/1 oven  | PNC 922663 | <input type="checkbox"/> |
| • Grease collection kit for ovens GN 1/1 & 2/1 (2 plastic tanks, connection valve with pipe for drain)                                      | PNC 922438 | <input type="checkbox"/> | • Fixed tray rack for 10 GN 1/1 and 400x600mm grids   | PNC 922685 | <input type="checkbox"/> |
| • Match kit - to connect oven and blast chiller freezer for Cook&Chill process. The kit includes 2 boards and cables. Not for OnE Connected | PNC 922439 | <input type="checkbox"/> | • Kit to fix oven to the wall   | PNC 922687 | <input type="checkbox"/> |
| • Tray rack with wheels, 10 GN 1/1, 65mm pitch  | PNC 922601 | <input type="checkbox"/> | • Tray support for 6 & 10 GN 1/1 oven base  | PNC 922690 | <input type="checkbox"/> |
| • Tray rack with wheels 8 GN 1/1, 80mm pitch  | PNC 922602 | <input type="checkbox"/> | • 4 ADJUSTABLE FEET WITH BLACK COVER FOR 6&10 GN OVENS - 100-115MM  | PNC 922693 | <input type="checkbox"/> |
| • Bakery/pastry tray rack with wheels 400x600mm for 10 GN 1/1 oven and blast chiller freezer, 80mm pitch (8 runners)                        | PNC 922608 | <input type="checkbox"/> | • Reinforced tray rack with wheels, lowest support dedicated to a grease collection tray for 10 GN 1/1 oven, 64mm pitch | PNC 922694 | <input type="checkbox"/> |
| • Slide-in rack with handle for 6 & 10 GN 1/1 oven  | PNC 922610 | <input type="checkbox"/> | • Detergent tank holder for open base   | PNC 922699 | <input type="checkbox"/> |
| • Open base with tray support for 6 & 10 GN 1/1 oven  | PNC 922612 | <input type="checkbox"/> | • Bakery/pastry runners 400x600mm for 6 & 10 GN 1/1 oven base   | PNC 922702 | <input type="checkbox"/> |
| • Cupboard base with tray support for 6 & 10 GN 1/1 oven  | PNC 922614 | <input type="checkbox"/> | • Wheels for stacked ovens  | PNC 922704 | <input type="checkbox"/> |
| • Hot cupboard base with tray support for 6 & 10 GN 1/1 oven holding GN 1/1 or 400x600mm  | PNC 922615 | <input type="checkbox"/> | • Spit for lamb or suckling pig (up to 12kg) for GN 1/1 ovens   | PNC 922709 | <input type="checkbox"/> |
| • External connection kit for liquid detergent and rinse aid  | PNC 922618 | <input type="checkbox"/> | • Mesh grilling grid, GN 1/1  | PNC 922713 | <input type="checkbox"/> |
| • Grease collection kit for GN 1/1-2/1 cupboard base (trolley with 2 tanks, open/close device for drain)                                    | PNC 922619 | <input type="checkbox"/> | • Probe holder for liquids  | PNC 922714 | <input type="checkbox"/> |
| • Stacking kit for 6+6 GN 1/1 ovens on electric 6+10 GN 1/1 GN ovens  | PNC 922620 | <input type="checkbox"/> | • Odour reduction hood with fan for 6 & 10 GN 1/1 electric ovens  | PNC 922718 | <input type="checkbox"/> |
| • Trolley for slide-in rack for 6 & 10 GN 1/1 oven and blast chiller freezer  | PNC 922626 | <input type="checkbox"/> | • Odour reduction hood with fan for 6+6 or 6+10 GN 1/1 electric ovens   | PNC 922722 | <input type="checkbox"/> |
| • Trolley for mobile rack for 6 GN 1/1 on 6 or 10 GN 1/1 ovens  | PNC 922630 | <input type="checkbox"/> | • Condensation hood with fan for 6 & 10 GN 1/1 electric oven  | PNC 922723 | <input type="checkbox"/> |
| • Stainless steel drain kit for 6 & 10 GN oven, dia=50mm  | PNC 922636 | <input type="checkbox"/> | • Condensation hood with fan for stacking 6+6 or 6+10 GN 1/1 electric ovens   | PNC 922727 | <input type="checkbox"/> |
| • Plastic drain kit for 6 & 10 GN oven, dia=50mm  | PNC 922637 | <input type="checkbox"/> | • Exhaust hood with fan for 6 & 10 GN 1/1 ovens   | PNC 922728 | <input type="checkbox"/> |
| • Trolley with 2 tanks for grease collection  | PNC 922638 | <input type="checkbox"/> | • Exhaust hood with fan for stacking 6+6 or 6+10 GN 1/1 ovens   | PNC 922732 | <input type="checkbox"/> |
| • Grease collection kit for GN 1/1-2/1 open base (2 tanks, open/close device for drain)   | PNC 922639 | <input type="checkbox"/> | • Exhaust hood without fan for 6&10 1/1GN ovens   | PNC 922733 | <input type="checkbox"/> |
| • Wall support for 10 GN 1/1 oven   | PNC 922645 | <input type="checkbox"/> | • Exhaust hood without fan for stacking 6+6 or 6+10 GN 1/1 ovens  | PNC 922737 | <input type="checkbox"/> |
| • Banquet rack with wheels holding 30 plates for 10 GN 1/1 oven and blast chiller freezer, 65mm pitch                                       | PNC 922648 | <input type="checkbox"/> | • Fixed tray rack, 8 GN 1/1, 85mm pitch   | PNC 922741 | <input type="checkbox"/> |
| • Banquet rack with wheels holding 23 plates for 10 GN 1/1 oven and blast chiller freezer, 85mm pitch                                       | PNC 922649 | <input type="checkbox"/> | • Fixed tray rack, 8 GN 2/1, 85mm pitch   | PNC 922742 | <input type="checkbox"/> |
| • Dehydration tray, GN 1/1, H=20mm  | PNC 922651 | <input type="checkbox"/> | • 4 high adjustable feet for 6 & 10 GN ovens, 230-290mm   | PNC 922745 | <input type="checkbox"/> |
| • Flat dehydration tray, GN 1/1   | PNC 922652 | <input type="checkbox"/> | • Tray for traditional static cooking, H=100mm  | PNC 922746 | <input type="checkbox"/> |
| • Open base for 6 & 10 GN 1/1 oven, disassembled - NO accessory can be fitted with the exception of 922382                                  | PNC 922653 | <input type="checkbox"/> | • Double-face griddle, one side ribbed and one side smooth, 400x600mm   | PNC 922747 | <input type="checkbox"/> |
| • Bakery/pastry rack kit for 10 GN 1/1 oven with 8 racks 400x600mm and 80mm pitch   | PNC 922656 | <input type="checkbox"/> | • Trolley for grease collection kit   | PNC 922752 | <input type="checkbox"/> |
| • Heat shield for stacked ovens 6 GN 1/1 on 10 GN 1/1   | PNC 922661 | <input type="checkbox"/> | • Water inlet pressure reducer  | PNC 922773 | <input type="checkbox"/> |
|   |            |                          | • Kit for installation of electric power peak management system for 6 GN and 10 GN ovens                                | PNC 922774 | <input type="checkbox"/> |
|   |            |                          | • Extension for condensation tube, 37cm   | PNC 922776 | <input type="checkbox"/> |
|   |            |                          | • Non-stick universal pan, GN 1/1, H=20mm   | PNC 925000 | <input type="checkbox"/> |
|   |            |                          | • Non-stick universal pan, GN 1/1, H=40mm   | PNC 925001 | <input type="checkbox"/> |
|   |            |                          | • Non-stick universal pan, GN 1/1, H=60mm   | PNC 925002 | <input type="checkbox"/> |
|   |            |                          | • Double-face griddle, one side ribbed and one side smooth, GN 1/1  | PNC 925003 | <input type="checkbox"/> |
|   |            |                          | • Aluminum grill, GN 1/1  | PNC 925004 | <input type="checkbox"/> |
|   |            |                          | • Frying pan for 8 eggs, pancakes, hamburgers, GN 1/1   | PNC 925005 | <input type="checkbox"/> |
|   |            |                          | • Flat baking tray with 2 edges, GN 1/1   | PNC 925006 | <input type="checkbox"/> |
|   |            |                          | • Baking tray for 4 baguettes, GN 1/1   | PNC 925007 | <input type="checkbox"/> |
|   |            |                          | • Potato baker for 28 potatoes, GN 1/1  | PNC 925008 | <input type="checkbox"/> |



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- Non-stick universal pan, GN 1/2, H=20mm PNC 925009
- Non-stick universal pan, GN 1/2, H=40mm PNC 925010
- Non-stick universal pan, GN 1/2, H=60mm PNC 925011
- Compatibility kit for installation on previous base GN 1/1 PNC 930217



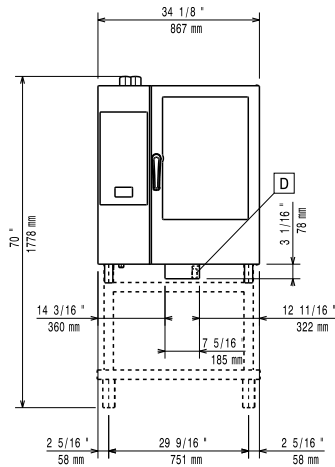
Intertek

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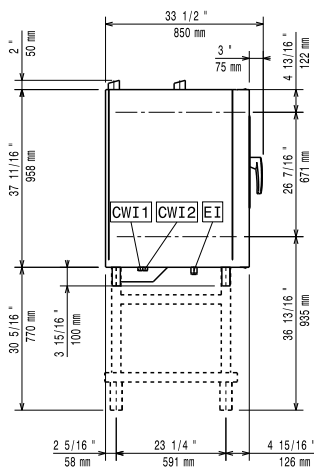
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2025.01.14

### Front

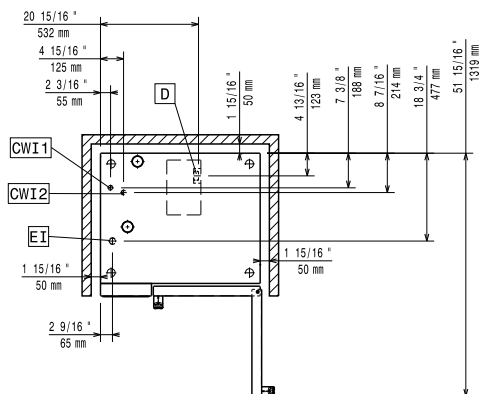


### Side



- C-** = Cold Water inlet 1 (cleaning)
- WI-1**
- C-** = Cold Water Inlet 2 (steam generator)
- WI-2**
- D** = Drain
- DO** = Overflow drain pipe
- EI** = Electrical inlet (power)

### Top



### Electric

#### Supply voltage:

**218705 (ZCOE101T2AB)** 380-415 V/3N ph/50-60 Hz

#### Electrical power, default:

19 kW

#### Electrical power max.:

20.3 kW

#### Circuit breaker required

### Water:

#### Water inlet connections

**"CWI1-CWI2":** 3/4"

#### Pressure, bar min/max:

1-6 bar

#### Drain "D":

50mm

#### Max inlet water supply temperature:

30 °C

#### Chlorides:

<45 ppm

#### Conductivity:

>50 µS/cm

*Electrolux Professional* recommends the use of treated water, based on testing of specific water conditions.

Please refer to user manual for detailed water quality information.

### Installation:

#### Clearance:

Clearance: 5 cm rear and right hand sides.

#### Suggested clearance for service access:

50 cm left hand side.

### Capacity:

#### Trays type:

8 - 400x600

#### Max load capacity:

45 kg

### Key Information:

#### Door hinges:

#### External dimensions, Width:

867 mm

#### External dimensions, Depth:

775 mm

#### External dimensions, Height:

1058 mm

#### Net weight:

144 kg

#### Shipping weight:

164 kg

#### Shipping volume:

1.11 m<sup>3</sup>

### Magistar Combi TS

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