



**LABORATORY DRYING  
OVEN  
500 LITER**



**AGGREGATE**

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## Laboratory Drying Oven 500 Liter Capacity



### PRODUCT MODEL

AG1300/N500	Laboratory Drying Oven 500 Liters Capacity, Natural Convection - 220 V 50/60 Hz
AG1300/N500-110	Laboratory Drying Oven 500 Liters Capacity, Natural Convection - 110 V 60 Hz
AG1300/F500	Laboratory Drying Oven 500 Liters Capacity, Forced Convection - 220 V 50/60 Hz
AG1300/F500-110	Laboratory Drying Oven 500 Liters Capacity, Forced Convection - 110 V 60 Hz

### PRODUCT STANDARDS

Standards	EN 932-5, 1097-5   ASTM C127, C136, D558, D559, D560, D698, D1557, D1559   BS 1377:1, 1924:11   UNE 103300
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### INFORMATION

Manufacturer	TESTMAK INS.LAB.MAK.SAN.VE TİC. PAZ. İTH. İHR. LTD. STİ
Country of Origin	TURKEY
Product name	Laboratory Drying Oven 500 Liters Capacity

## Laboratory Drying Oven 500 Liter Capacity

### DESCRIPTION

The AG1300/500 series Laboratory Ovens have been designed for drying asphalt, soil, rock, concrete, aggregate or similar materials. The oven capacity is 500 liters. From ambient to 250°C temperature range with a precision of  $\pm 2$  °C. The interior is manufactured from stainless steel and the exterior is robustly constructed from sheet steel finished in powder coated paint. Laboratory Ovens are fitted with direct reading digital control unit and equipped with an analogue over temperature protection thermostat. 500 liters laboratory ovens are supplied complete with 4 shelves.

#### Natural Convection Model

Natural convection ovens rely on temperature differences within the oven to transfer heat to samples. They are used for drying applications requiring a gentle airflow in baking, conditioning, curing, pre-heating, and aging. Natural convection ovens are ideal for sterilization, drying, and thermal storage tasks that do not require high drying rates or special time parameters. Look for safety features that prevent overheating, excellent temperature uniformity, fast heat up and recovery times. Additional features that are nice to have are viewing windows, adjustable shelves, door alarms, lockable doors, stoving and curing options and moisture extraction options.

#### Forced Convection Model

Forced air convection ovens are built with a fan inside the wall of the oven which forces the hot air in the oven to circulate throughout it. The forced air circulation system provides both exceptional temperature uniformity and rapid heat recovery. They usually operate at temperatures in a range from ambient to a maximum of between 200 and 300 degrees Celsius. Forced-air laboratory ovens are often used in procedures involving cultures and samples when accurately controlled uniform heating is required. Choose from tabletop, undercounter or upright depending on lab space available. Look for convenient features such as adjustable air intake and exhaust vents, sliding window panel covers and adjustable shelves and safety features such as independent overtemperature protection and isolated heating elements.

### TECHNICAL SPECIFICATIONS

Internal Dimensions	900x750x750 mm
External Dimensions	1250x760x1100 mm
Shelves	4 pcs
Weight (approx)	115 kg
Power	220-240 V 50/60 Hz



**TM TEST MAK**  
**MATERIAL TEST EQUIPMENTS**

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