



**AGGREGATE
PRODUCT BROCHURE**

**LABORATORY DRYING OVEN
500 LITER CAPACITY**

AG1300/500



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
-----------	--

INFORMATION

Manufacturer	TESTMACLAB LABORATUVAR TEST CIHAZLARI PAZ. VE DIŞ TIC. LTD. ŞTİ
Country of Origin	TÜRKİYE
Product name	Laboratory Drying Oven 500 Liters

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 300°C temperature range with a precision of ± 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.



LABORATORY DRYING OVEN 500 LITER CAPACITY

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

Capacity	500 Liter
Internal Dimensions	900x750x750 mm
External Dimensions	1250x760x1100 mm
Temperature Range	From ambient to 300°C with a precision of ± 2 °C
Inside Material	Stainless Steel 316L
Shelves	4 pcs
Weight (approx)	115 kg
Power	220-240 V 50/60 Hz



THANK YOU

FOR CHOOSE US

Dear business partners, thank you very much for believing in us and recommending our products to your customers; We sincerely believe that our company will grow even more thanks to you, our esteemed business partners.

You can reach us than our phones or e mail address 24 hours a day.

CONTACT US



Ağaç Metal Sanayi Sitesi 1354 Cadde
1436 Sokak No:16 İvogsan Yenimahalle -
ANKARA / TÜRKİYE



info@testmak.com
marketing@testmak.com



TÜRKİYE / HEAD Office : +90 312 395 44 57
UKRAINE Office : +380 63 741 29 20
SOUTH AMERICA / Cuba Office : +53 5 073 96 12



www.testmak.com