

# HİRA TESTING EQUIPMENT



## BITUMEN OVEN FOR THIN-FILM OVEN & LOSS ON HEATING TEST (TFOT)

STANDARDS: EN 12607-2, EN 13303, ASTM D6, D1754, AASHTO T47, T179

Used for determining the loss in mass of oil and asphaltic / bituminous compounds when heated with the loss on heating test method.

The internal chamber is made of stainless steel and the door has a panel window. The external surface is electrostatic painted.

Oven has double wall insulation with fiberglass.

The oven is equipped of a dual safety thermostat to prevent accidental over-heating.

Oven has a working temperature ambient to 200 °C, Digital PID controller and circulation fan.

Rotating shelf and sample cups should be ordered separately according to the test type.



**HR-AS2100**



**HR-G0601/S**



**HR-AS2100/1**

**Technical Specifications:**

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-AS2100	Bitumen Oven for Thin-Film Oven & Loss on Heating Test (TFOT)	60x45x70	60	220 V, 50-60 Hz, 1 ph

**Spare Parts & Accessories:**

Product Code	Product Name	Dimensions (mm)	Standards
HR-AS2100/1	Rotating Shelf for Loss on Heating Test	300	EN 13303 & ASTM D 6 & AASHTO T47
HR-AS2100/2	Rotating Shelf for Thin Film Oven Test	300	EN 12607-2 & ASTM D1754 & AASHTO T179
HR-G0610/S	Moisture Content Tin. (Pack of 9)	Ø 55 x 35	---
HR-G0601/S	Moisture Content Tin. (Pack of 4)	Ø 140 x 9,5	---
HR-G1394	ASTM 13C Thermometer (155 – 170 °C)	30x30x300	ASTM 13C

## WATER IN BITUMINOUS MATERIALS TEST SET (DEAN-STARK METHOD)

STANDARDS: ASTM D95, D244; AASHTO T55, T59; IP 74/77; CNR No.101; NLT 123

Used to determine the water content in petroleum products or bituminous materials, by distilling them with a water immiscible, volatile solvent.

Water in Bituminous Materials Test Set Complete with Electric Heater with Thermo Regulator, Glass Condenser, Glass Receiver and 10 ml Glass Still.

**Technical Specifications:**

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-AS2345	Water in Bituminous Materials Test Set	20x20x45	5	220 V, 50 -60 Hz, 1 ph

**Spare Parts & Accessories:**

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-AS2345/1	Electric Heater with Thermo Regulator	60x40x35	25	220 V, 50 -60 Hz, 1 ph
HR-AS2345/2	Glass Condenser, Glass Receiver, Glass Still	---	---	---



**HR-AS2345**