

## EFFECT OF HEAT AND AIR ON A MOVING FILM OF ASPHALT

### B066M KIT

#### ROLLING THIN-FILM OVEN **HIGH PERFORMANCE**

STANDARDS: EN 12607-1 | ASTM D2872 | AASHTO T240

New model with enhanced performance and reliable technology needed to study the aging phenomena on traditional and innovative bituminous binders.

The frame and the internal chamber are made of high quality stainless steel with a large door to detect the test room.

This new version is totally controlled by 7" digital touch-screen panel in terms of test temperatures, start and stop carriage rotation and ventilation system.

Also, when the test starts, the internal room temperature, the air flow and the carriage speed (15 rpm  $\pm$  0.2) are shown in real time on the digital display.

Supplied complete with digital flow meter, precision digital thermostat to maintain 163 °C temperature, control thermometer ASTM 13C, ventilation device, eight glass containers Ø 64x140 mm. The unit includes a dual safety thermostat to prevent overheating.

**Power supply:** 230V 1ph 50Hz 1700W

**Dimensions:** 620x620x910 mm

**Weight:** 55 kg approx.



**B066N KIT** closed door

### B066N KIT

#### ROLLING THIN-FILM OVEN **RTFOT** | **ASTM** | **EN**

STANDARDS: EN 12607-1 | ASTM D2872 | AASHTO T240

Used to measure the air and heat effect on a moving film of asphaltic semisolid materials. External frame and internal chamber are stainless steel made with insulated fiberglass intermediate chamber.

Rotation speed of the plate: 15 rpm  $\pm$  0.2.

Provided with a large glass door for inspections. The oven must be connected to an air compressor 2 bar max. pressure, or to a diaphragm pump (see accessory). Supplied complete with flow meter, precision digital thermostat to maintain 163 °C temperature, control thermometer ASTM 13C,

ventilation device, eight glass containers Ø 64x140 mm.

The oven is equipped with a dual safety thermostat to prevent accidental over-heatings.

**Power supply:** 230V 1ph 50Hz 1700W

**Dimensions:** 620x620x910 mm

**Weight:** 55 kg approx.

### MAIN FEATURES

- 7" Touch-screen color display.
- Temperature ramp designed to achieve the target temperature within 10 minutes when the door is closed.
- Flow meter range: from 200 to 14.000 mm/min.
- Temperature accuracy  $\pm$  0.1 °C when the target temperature test is achieved.



**B066M KIT** open door with touch screen display

**NEW**



**B066-02N**

### ACCESSORY

**B066-11** DIAPHRAGM PUMP, free air displacement 6 litres/min, max. pressure 2.4 bar, ultimate vacuum 100 mbar.

**Power supply:** 230V 1ph 50Hz 65W



**B066-11**

### SPARES

**B066-02N** Glass container Ø 64x140 mm, top quality product with improved finishing.

**B064-03** Thermometer, ASTM 13C.  
Range: +155 °C to +170 °C div. 0.5 °C.