

Rolling Thin Film Oven RTFOT

EN 12607-1 (RTFOT), ASTM D2872-12, AASHTO T47, T179 for the determination of temperature and air influence on bitumen.

The temperature controlled oven with door and viewing glass is preset to a test temperature of 163°C. The rear inside wall is equipped with a vertical carriage, rotated by an electric motor at 15 1/min. and prepared to support 8 glass test cups. An outlet orifice 1 mm dia. is connected to a copper tubing with air jet providing an airflow of 4000 ml/min. to the samples. To set the required airflow a special regulator is installed. Compressed air or an air compressor 20-2577 is necessary for the test. Required glass test cups 20-2573 or 20-2574 to be ordered in addition.

Technical Data:

- Dim.: 770 x 730 x 610 mm
- Weight approx. 110 kg
- Power Supply: 230 V, 50/60 Hz, 2 kW

20-25720

Interior View



Accessories

Glass Test Cup RTFOT –
concave opening

20-2573



Glass Test Cup RTFOT –
convex opening

20-2574



Compressed-Air Unit RTFOT

Compact design with basic frame, air tank and connecting tube for 20-25720.

Technical Data:

- Suction capacity 23 l
- Pressure 4 bar
- Noise approx. 53 dB
- Weight: 18 kg
- Power Supply: 230 V, 50/60 Hz

20-2577

