

Rolling Thin Film Oven (RTFO Touch)

Applied Test Systems (ATS) has been manufacturing custom furnaces and ovens since 1965, and entered into the asphalt binder testing market in the early 1990's with the introduction of Superpave. The ATS RTFO Touch combines years of experience in both process heating and asphalt binder testing, creating a highly user friendly and efficient piece of testing equipment. Designed to simulate short-term aging of asphalt binder according to ASTM D2872, AASHTO T240, EN 12607, Superpave, and California Test Method 346 test standards, the RTFO Touch offers customizable options and intuitive software to accommodate a broad spectrum of users.



Features

- Double walled stainless steel oven capable of maintaining temperature of up to 220°C (428°F)
- User friendly touchscreen display
- NIST traceable Microprocessor based Platinum RTD
- NIST traceable digital flow meter
- Heat-recovery time around 5 minutes after specimens are loaded
- Remote Communication
- Programmable airflow, temperature, and duration of the aging process
- Data acquisition
- End-of-process alarm (both visual and audible)
- USB Port on the front for data downloads and software updates
- Pre-programmed with English, German, Spanish, French, Italian, Chinese, and Arabic language options

Product Specifications

Specimen Capacity	8 high temperature glass bottles
Temperature Range	0°C to 200°C ± 0.5°C
Power Requirements	240 VAC 50/60 Hz, single phase 20 amps 3500 watts
Air Requirements	A source of clean, dry air with 60-150 psi
Time to Set Point	20 minutes