# 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 efficent 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 offeres customizable options and intuitive software to accommodate a broad spectrum of users.

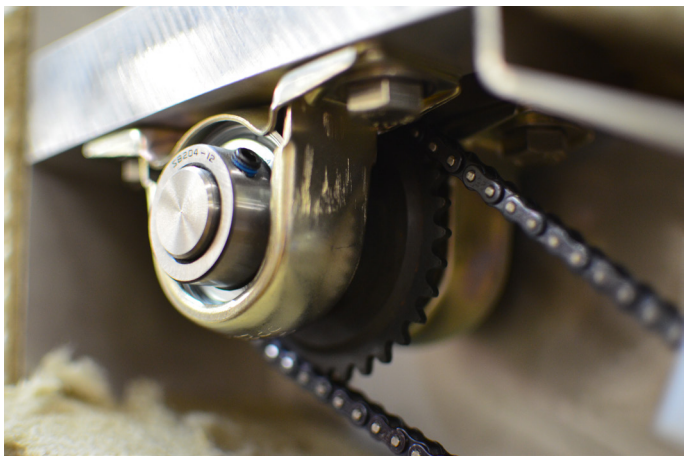
## Features

- CE Certified
- Double walled stainless steel interior capable of maintaining temperature of up to 220°C (428°F)
- Rugged, powder coated, black exterior
- User friendly touchscreen display
- NIST traceable Platinum RTD
- NIST traceable digital flow meter
- Heat-recovery time around 5 minutes after specimens are loaded
- Remote Monitoring 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

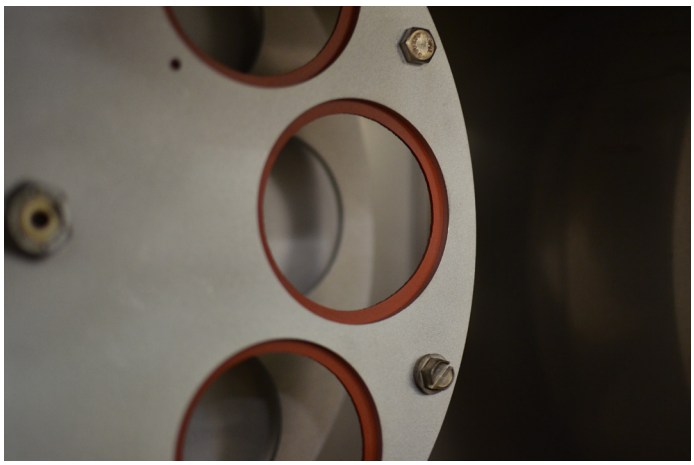
## Product Specifications

| | |
|---|---|
| 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 |
| Variable-Speed Testing | .002 - 20 in./min (0.1 - 500.0 mm/min) |
| Maximum Travel | 1.0" (50.8mm) (extension) |
| Specimen Capacity | 12 (standard) |
| Power Requirements | 230VAC 60 Hz |

# Exclusive Features



Sealed high temp bearings located outside of heat zone for zero maintenance & durability.



Silicone rings allow for easy install and prevents damage to bottles.

Bottom tray & elements easily accessible for cleaning and upkeep.