

Rolling Thin Film Oven

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 combines years of experience in both process heating and asphalt binder testing, creating a highly user friendly and efficient piece of testing equipment that requires minimal training. 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.



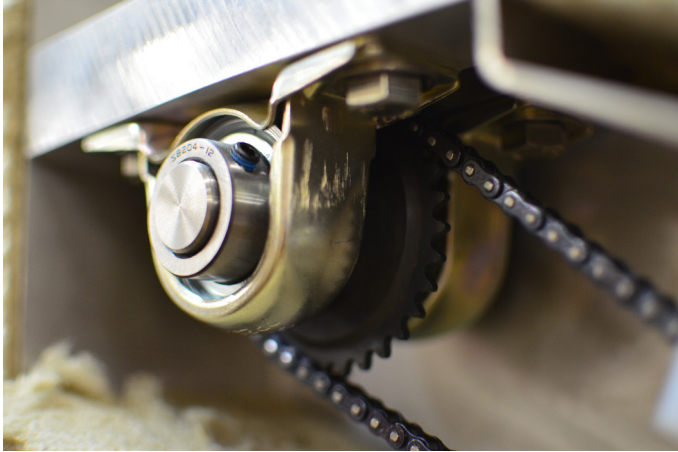
Features

- CE Certified
- Double walled stainless steel interior capable of maintaining temperature of up to 220°C (428°F)
- Rugged, powder coated, black exterior
- Double-pane view port
- Platinum RTD & flow meter
- Heat-recovery time approximately 5 minutes after specimens are loaded
- Programmable temperature and duration of the aging process
- Bottom tray & elements easily accessible for cleaning and upkeep
- Sealed high temp bearings located outside of heat zone for zero maintenance & durability
- Silicone rings allow for easy install and prevents damage to bottles
- End of process alarm/thermal shutdown switch

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 10A
Air Requirements	A source of clean, dry air with 60-150 psi
Time to Set Point	20 Minutes
Speed Control	Within 15 ± 0.05 RPM
Maximum Travel	1.0" (50.8mm) (extension)
Specimen Capacity	8 bottles
Power Requirements	230VAC 60 Hz

Exclusive Features



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



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Bottom tray & elements easily accessible for cleaning and upkeep.