



NCAT Binder Ignition Oven



NCAT Binder Ignition ovens automatically determines asphalt content of paving mixtures. The oven is environmentally-friendly and cost-effective for the accurate determination of asphalt content. The ignition method reduces testing time compared to solvent testing methods. In addition it features an internal electronic balance that automatically monitors sample weight throughout the ignition process and determines endpoint.

When operating, the oven is preheated to 1,000°F and an asphalt sample is weighed, divided into two screened baskets and placed into the asphalt content chamber. Tests are started with a push of a button putting sample weight along with a mix design calibration factor. When a test has been started the oven doors remain locked until completion. During operation volatiles are oxidized in a high-temperature afterburner using a patented ceramic filter that is heated to 1,202°F, reducing emissions by 95%. Once complete, the system will end the test and print out results.

Features:

- User-programmed weight loss between 0.01% and 0.5%
- A 24hr/7d timing function can be programmed to preheat oven
- Temperature range: 392°F to 1202°F
- Provides 4,800 Watt operation
- Dimensions: 14"W x 10.5"H x 14"D

Accessory Pack

Package Includes:

- 4 baskets
- 2 trays
- 2 covers
- handle
- cooling cage
- insulated plate
- gloves
- face shield
- 4 rolls of printer tape
- balance calibration late
- anderol oil

