

NO OVENS, NO FANS, JUST CLEVER USE OF THE LAWS OF NATURE

CoreDry, by InstroTek®, is the most popular and trusted sample-drying device in asphalt laboratories worldwide. Place a field / gyratory core, or loose mix sample in the CoreDry and in just minutes, you have a completely dry specimen.

CoreDry saves users time and helps increase paving efficiency, allowing crews to make real-time compaction adjustments. CoreDry can also provide a matching baseline for density comparison between contractors and agencies.



Fast, Accurate, Innovative

The CoreDry dries specimens near room temperature, ensuring sample integrity and the most accurate & repeatable dry weight. Rapid moisture loss is attributed to InstroTek's electronic desiccation and high vacuum technologies. The system cycles a

flow of ambient air and vacuum, ensuring a highly efficient moisture removal process. The CoreDry's state-of-the-art thermoelectric cold trap is specifically designed to protect the vacuum pump from damage by capturing all moisture extracted from the sample.

ADVANTAGES

- ▶ **Meets ASTM D7227, AASHTO PP75**
- ▶ Fully automatic. Simply load the sample and press start. The CoreDry alerts the operator when the drying process is complete
- ▶ Fully enclosed. All hardware items, including the pump, are inside the unit, saving space and allowing CoreDry to be easily transported
- ▶ Allows quick determination of density results, allowing paving crews to make real-time adjustments
- ▶ Gives contractors & agencies matching baseline for density comparison
- ▶ Thermoelectric Cold Trap protects pump from moisture damage
- ▶ Provides core offset values for nuclear/non-nuclear gauges in minutes
- ▶ Dries up to 6" (150mm) diameter by 7.5" (190mm) tall samples
- ▶ No loss of sample integrity due to low drying temperature
- ▶ No daily calibration required



ASTM D7227, AASHTO PP75
(Patents 8225526, 8408013 & others pending)

COREDRY®

FEATURES

- **Control Panel**- Modular design located on top of unit allows easy access to electrical components.
- **Large LCD Display**- A large 4 line by 16 character alphanumeric backlight display is easy to read and allows more room for additional operator instructions.
- **Visual Monitoring System**- Sensors monitor the CoreDry's critical functions and use LED lights to indicate current function and helps identify problems during the drying process.
- **Audible Alerts**- The CoreDry's audible alerts have three different volume settings and indicate when the drying process is complete.
- **User-Friendly Software**- The CoreDry features software designed to inform users of routine maintenance requirements and make adjustments for better operation.
- **Quiet Operation**- Specially designed valves and vacuum pump allow CoreDry to operate quietly in your lab.
- **No additional assembly required**- Unpack, plug in and use.
- **Fits easily on any lab table**- 19"w x 26"L x 17"H