

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

Newly Upgraded for 2024, CoreDryPRO™ (formerly CoreDry™), by InstroTek®, is the most popular and trusted sample-drying device in asphalt laboratories worldwide, with proven PumpSaver™. Place a field/gyratory core, or loose mix sample in the CoreDryPRO and in just minutes, you have a completely dry specimen.

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



Vacuum Pump Port

Fast, Accurate, Innovative

The CoreDryPRO 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, PumpSaver, and high vacuum technologies. The system cycles a flow of ambient air and vacuum, ensuring a highly efficient moisture removal process. The CoreDryPRO'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. The vacuum pump now has an external port that allows connectivity for other lab applications such as performing a rice test.

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



COREDYPRO™

ASTM D7227, AASHTO PP75 (U.S. Patent # 9702626, 8225526, 8408013, 9702626)

NEW FEATURES

- **Large LCD Touchscreen-** A robust 6"x 3.5" makes interacting with CoreDryPRO even more intuitive.
- **Drying Progress Bar-** Indicates the drying progress of the sample along with vacuum.
- **Vacuum Pump Port-** Enables use of the internal vacuum pump with a built-in PumpSaver to perform tests such as Rice/Specific Gravity. Software prompts are included to guide the operator through the proper steps for each test.
- **External Pump Control-** A plug near the Vacuum Pump Port enables an AutoRice to control the pump, allowing the CoreDry and AutoRice to be used in conjunction as an automated Rice testing setup.
- **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.
- **Modern, Sleek Design-** A newly designed cabinet that combines style with functionality.

SPECIFICATIONS

Dimensions	18.75"W x 25.25"L x 16.5"H
Weight	91 lbs with accessories
Electrical Supply	120V, 15A

