



AutoRice

The AutoRice controller is an automatic control unit that allows lab technicians to conduct maximum specific gravity tests. The controller is designed to accurately control and monitor the vacuum pressure, vacuum time and shaker vibration frequency. The AutoRice provides more consistent inter-laboratory repeatability and accuracy. When in use the AutoRice will start the vacuum pump, regulate the vacuum pressure, precisely control the vacuum time and monitor the shaker frequency. During a test the AutoRice acceleration monitor and shaker frequency is a parameter and is not monitored. Data can be downloaded using a USB port. The AutoRice can fit on a benchtop or mount to a wall.



Shaker Sensor & USB ports



Vacuum Hose connector



- Controls and monitors Rice test (AASHTO T209 & ASTM 2041) vacuum pressure and vacuum time
- Measures shaking frequency and acceleration to prevent stripping damage to the sample
- Automates saturation process for AASHTO T283 (moisture damage)
- Provides capability to enter weights and calculate max specific gravity results
- Replaces digital vacuum gauge used in Rice setup
- Stores test records (vacuum pressure, vacuum time, frequency and acceleration)
- Share test data via emailed for review
- Easy setup with menu driven software

