

B067A AUTORICE

THE ULTIMATE CONTROL FOR YOUR RICE TEST
STANDARDS: AASHTO T209 | ASTM D2041

The AutoRice is an automatic control unit for the Maximum Specific Gravity test. Rice test results are critical for pavement quality, mixture design and laboratory mixture performance determination. By pressing a button, the AutoRice starts the vacuum pump, regulates the vacuum pressure, precisely controls the vacuum time and monitors the shaker frequency and acceleration which is a parameter that is not currently monitored during the test. Monitoring the three factors during the test can help agencies and contractors achieve better accuracy and repeatability. Data from the Rice test can be downloaded via the USB port. AutoRice has to be connected with a compatible vacuum pump, vacuum pycnometer and electromagnetic vibro-deaerator in order to perform the rice test as per standards.

MAIN FEATURES

- Controls and monitors Rice test (AASHTO T209 & ASTM D2041) vacuum pressure and vacuum time.
- Reduces operator errors improving accuracy and repeatability.
- Provides capability to enter weights and calculate max specific gravity results.
- Replaces vacuum gauge.

TECHNICAL SPECIFICATIONS

- Foot print: 12"x9"x4" (30x22x10 cm)
- Hose connection: 3/8" hose barb
- Max pump power: 3/4 HP
- Vacuum control: ± 0.4 mmHg at 27.5 mmHg
- Power supply: 110/220V
- Weight: 5 lbs (2.5 kg)

B007 ASPHALT SPLITTER

This instrument is used to break and crumble asphalt samples to facilitate bulk density tests and laboratory testing purposes by reducing the granulating time in few minutes with high quality results. A rough asphalt sample of approx. 1 kg is poured into the stainless steel bowl equipped, at its bottom, with three rotating paddles. The cover is closed, the machine started, and the three paddles break and crumble the sample in grains. The bowl is now tilted to discharge the sample into the self supporting suitable pan supplied with. A hinged cabinet reducing noise protects the bowl. When opening the cover while the splitter is working, a microswitch automatically stops the machine. Conforming to CE Safety Directive.

TECHNICAL SPECIFICATIONS

- Stainless steel bowl of 6 litres capacity
- Multirange timer: sec/min/hour
- Main switch, Start/Stop button
- Switch for reverse mode of the rotating paddles (very useful when the material restrains between paddle/bowl)
- Paddles speed: 1400 rpm
- Power supply: 230V 50Hz 1500W
- Dimensions: 490x730x855 mm
- Weight: 85 kg approx.



B007
Unloading phase

B007 Open



B067A

V205-01+V205-12+V230-03

A059-02A

SPARE

- B007-11** Kit of three rotating paddles with screws.