

Troxler PaveTracker 2701-B

Non-Nuclear Asphalt Density Gauge



Non-Nuclear Device for Asphalt Quality Control Measurements

- **Non-Nuclear** — no license, special training, or paperwork needed
- **Light Weight** — Only 11 pounds (5 kg)
- **Fast and Accurate** — reliable measurements in 2 seconds
- **Easy to Use** — Similar to other Troxler gauges

Hassle Free

The Pave Tracker Model 2701-B uses electromagnetic sensing technology and therefore eliminates the need for licensing, safety training courses, and transportation restrictions. Your entire team can be trained and ready to perform quality control measurements very quickly.

No Waiting for Results

Troxler's patented technology allows rapid and reliable pavement measurements in less than 2 seconds. Areas of segregation, low density, or other non-uniformity are easily detected by the PaveTracker, allowing the operator to correct the problem before construction completes.

No Moisture or Temperature Corrections

There is no need to enter potentially inaccurate corrections for moisture and temperature.

Meets Industry Standards

The PaveTracker 2701-B meets industry standard ASTM D7113 and AASHTO T 343.

Troxler Pavetracker Model 2701-B

Non-Nuclear Asphalt Density Gauge

Additional Features

- Reference Test Plate built into the case allowing the operator to test the unit as often as desired
- Two handles are standard - detachable longer L shaped handle and an attached bail handle
- Large backlit display and keypad can be easily seen from a standing position and in dim light
- Self-adhesive protective sensor cover disc is easily replaceable in the field
- Optional Infrared Temperature Sensor - measures and displays the mat temperature.
- Optional GPS feature gives latitude and longitude locations with each measurement and has Wide Area Augmentation System (WAAS) capabilities for better accuracy

MEASUREMENT SPECIFICATIONS

Measurement Depth	2 inches (5.1 cm)
Measurement Time	Less than 2 seconds
Measurement Precision	± 0.20 pcf (± 3.2 kg/m ³)
Reference Standard	Supplied with Shipping Case
Calibration Offset	Calibrate to alternative density measurements: <ul style="list-style-type: none"> • Road core • Nuclear gauge reading

MECHANICAL SPECIFICATIONS

Gauge Size (W x D x H)	9 x 16 x 6 inches (22.9 x 40.6 x 15.2 cm)
Weight	11 lbs (18 kg)
Shipping Weight	40 lbs (18 kg)
Operating Temperature	Ambient: 32° to 158°F (0° to 70°C) Surface: 350°F (175°C) maximum
Storage Temperature	-4° to 158°F (-20° to 70°C)
Display	4 line by 20 character LCD
Data Storage	up to 999 readings
Units	US (pcf) or Metric (kg/m ³)
Temperature Sensor (optional)	32° to 662°F (0° to 350°C) operating range

ELECTRICAL SPECIFICATIONS

Main Power Source	6V 4000mAh NiMAH (rechargeable pack)
Battery Runtime	32 hours (typical)
Battery Recharge Time	Approximately 2 hours
Charging Adapters	110 VAC (wall outlet charger) 12 DCV (car charger)

Made in USA



3008 Cornwallis Road
Research Triangle Park, NC 27709
www.troxlerlabs.com
1-877-TROXLER



SS4730-31102015