Troxler PaveTracker 2701-B

Non-Nuclear Asphalt Density Gauge

A Non-Nuclear Device for Asphalt Quality Control Measurements

- **Non-Nuclear** - *no license, special training, or paperwork needed*
- **Lightweight** - *only eleven pounds [five kilograms]*
- **Fast and Accurate -** *reliable measurements in two seconds*
- **Easy to Use -** *similar to other Troxler gauges*
- **Meets ASTM D7113 and AASHTO T343 standards**

Hassle Free

The PaveTracker uses electromagnetic sensing technology and therefore eliminates the need for licensing, radiation safety training, 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 provides rapid, reliable pavement measurements in less than two seconds. Areas of segregation, low density, and/or other nonuniformity are easily detected by the PaveTracker, which allows the operator to resolve issues before construction completes.

No Moisture or Temperature Corrections

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

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Additional Features

- A reference test plate built into the case allows the operator to test the gauge as often as desired.
- Two handles come standard with the gauge—an attached bail handle and a detachable L-shaped handle.
- The large backlit display and keypad can easily be seen from a standing position and in dim light.
- The self-adhesive protective sensor cover disc is easily replaceable in the field.
- An optional infrared temperature sensor measures and displays the mat temperature.
- An optional Global Positioning System (GPS) feature records latitude and longitude data for each measurement using the Wide Area Augmentation System (WAAS) for improved accuracy.

MEASUREMENT SPECIFICATIONS	
Layer Thickness Setting	1 - 4 in (2.5 - 10 cm)
Measurement Time	Less than 2 seconds
Measurement Precision	±0.20 pcf (±3.2 kg/m^3)
Reference Standard	Supplied with case
Calibration Offset	Calibrate to alternative density measurements • Road core • Nuclear gauge reading
MECHANICAL SPECIFICATIONS	
Gauge Dimensions (L x W x H)	9 x 16 x 6 in (22.9 x 40.6 x 15.2 cm)
Weight	11 lb (5 kg)
Shipping Weight	40 lb (18 kg)
Operating Temperature	Ambient: 32°F to 158°F (0°C to 70°C) Surface: 350°F (175°C) maximum
Storage Temperature	-4°F to 158°F (-20°C to 70°C)
Liquid-Crystal Display (LCD)	Four lines, twenty characters per line
Data Storage	Up to 999 readings
Units	US (pcf) or SI (kg/m^3)
Temperature Sensor (Optional)	32°F to 662°F (0°C to 350°C) operating range
ELECTRICAL SPECIFICATIONS	
Main Power Source	6 V 4,000 mAh nickel-metal hydride (NiMH) rechargeable pack
Battery Run Time	32 hours (typical)
Battery Recharge Time	Approximately 2 hours
Charging Adapters	110 VAC (wall outlet charger) 12 VDC (car charger)

TROXLER®
The Leader in Construction Testing Equipment

Made in USA

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