

PQI 380⁺

Pavement Quality Indicator

Non-Nuclear Asphalt Density Gauge

- 800 x 480 LCD with projected capacitive touchscreen with anti-scratch surface
- IOS, Android application for data transfer and cloud storage to the TransTech Connect App
- Instantly send measurement data to the TransTech Connect cloud via Bluetooth or QR code scan
- Streamlined Workflow for Field Operators - reduced time spent on data entry
- Connect to a broader ecosystem, seamlessly linking field measurements to onStation
- Fast, reliable, accurate and repeatable readings in real time
- Most important, Non-Nuclear means no badges, licenses or storage and transport concerns



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SPECS

OPERATIONAL SPECIFICATIONS:

Modes:

- Single:** Reading time less than (5) seconds. Stores Data.
- Average:** Averages five (5) readings and stores data including date and time. Stores unlimited records.
- Continuous:** Instantaneous density readings.
- Segregation:** Identifies variations in material density associated with segregation.

Functions:

- Density, % Compaction
- Integrated Temperature Sensing: Real time temperature display 0° F to 350° F (-17.7° C to 171.6° C)

Calibration Modes:

- Normal:** Correlation offset to cores.

MEASUREMENT SPECIFICATIONS:

- Sensing Area:** 11 in. (27.9cm) diameter base allows optimum measurement on fine and coarse material types.
- Measurement Depth:** User selected and adjustable from .75 in. to 6 in. (19.05mm - 152.4mm)
- Measurement Display:** Density, % Compaction, Surface Temperature, Mix Name & Project Name

MECHANICAL SPECIFICATIONS:

- Unit Weight:** 18lbs (8.16kg)
- Unit Dimensions:** 11in x 11in x 12in High (27.9cm x 27.9cm x 30.4cm) with handle extension 29in High (73.6cm)
- Shipping Weight w/Case:** 52lbs (23.58kg)
- Shipping Dimensions:** 18in x 19in x 20in (45.72cm x 48.26cm x 50.8cm)

ELECTRICAL SPECIFICATIONS:

- Microprocessor Controlled**
- CE Mark:** Complies with EN61000-4-2, 61000-4-3, 61000-4-8
- Battery:** 14.0 Amp-hr NiMH, 7.2volt
- Recharge Time:** 4 hours
- Battery Charger:** Self Contained CE & UL Certified Universal AC Charger, DC Charger
- Computer Ports:** 1 USB Port

WARRANTY:

- Standard:** 12 months

OPERATIONAL FEATURES:

- Display:** 800 x 480 LCD projected capacitive touchscreen, 1000 nits brightness and anti-scratch surface
- Status Bar:** Displays GPS status, Data Save status, battery voltage, low battery and date and time
- Project Details:** Stores unlimited projects with details
- Mix Details:** Stores unlimited mixes, details include (MTD, Mix Name, Stone Size, Depth, Offset, Operator Name)
- Reports:** Easily download data to import into Excel or transfer data to TransTech Connect with OnStation integration
- GPS Control:** When activated will display latitude and longitude positions, number of satellites the gauge is connected to as well as the UTC date and time, also available in UTM format. GPS information will store with each measurement when Data Save and GPS feature is enabled, (Status Bar Icon)
- Update Software:** One touch upload of new software using a USB memory stick
- Data Management:** Transfer to TransTech Connect, download or delete your project data
- Set Time & Date:** Quick time and date setup, MM/DD/YY and DD/MM/YY formats
- Units:** Interchangeable settings for Density (kg/m³, lb/ft³), Temp (°C, °F), Depth (in, mm) and Stone Size (in, mm)
- Standardization:** While gauge is still in the case, a quick one touch measurement will insure the gauge is still in proper working mode
- Enhanced Customer Support:** Diagnostic screen to aid in factory support
- User Programmable Target Density:** Used for calculating % compaction
- User Changeable Battery:** Easily change batteries in the field

OPTIONAL ACCESSORIES:

- Stand Alone Charger, Extra Battery Packs & Printer**

PQI 380
Complies with



Innovators of Non-Nuclear Density Technology

900 Albany Shaker Rd., Suite 2, Latham, NY 12110 • Phone 518-370-5558 • Toll-free 1-800-724-6306 • Fax 518-370-5538 • www.transtechsys.com