
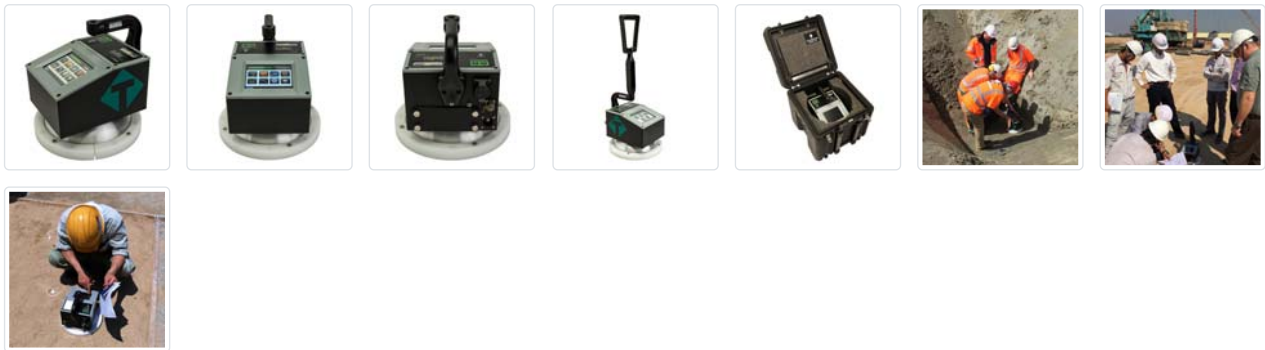


- Brochure
- MTL Generator
- MTL File Tool
- Manual
- Quick Start Guide
- Report Template
- Cheat Sheet
- ⚡ External Charger

SDG 200

Non-Nuclear Soil Density Gauge

 [Quote Request](#)



Introducing TransTech Systems next generation **Non-Nuclear** soil density gauge, the SDG 200. This version of the SDG is fully equipped with a touch screen and a user friendly graphical user interface. The SDG 200 uses Microsoft Windows CE for smooth operation, easy software upgrades and enhanced user support.



SDG 200 Highlights

- Non-Nuclear technology
- Full color VGA display
- LED backlight for easy visibility in light or dark situations
- Customizable project entries
- Customizable material entries
- Diagnostics mode
- Download data files from the SDG 200 via USB drive
- Data management screen and the ability to disable data logging
- Rugged, lightweight, aluminum shell
- Handle extension attachment
- Reflective vinyl graphics for higher visibility at night
- Fast, reliable, accurate and repeatable readings in real time
- No need for badges or licenses
- No storage or transport concerns

SDG 200 Videos



[▶ Vimeo link for users who cannot access YouTube](#)

SDG 200 FAQ's

Q: How long will the SDG 200 last on a full charge? ⚡

A: 8 hours, depending on usage.

Q: When should I charge my SDG 200? ⚡

A: When the voltage indicator on the status bar reads 6.5volts. It is also a good idea to charge the SDG 200 at the end of the day after use.

Q: How long does it take to recharge the SDG 200? ⚡

A: 4 hours.

Q: Will the SDG 200 operate while charging? ⚡

A: No, the SDG 200 is not operable while charging. An external battery charger can be purchased along with a second battery pack. Contact sales at [1-800-724-6306](tel:1-800-724-6306) for more information.

Q: How will I know when the SDG 200 is fully charged? ⚡

A: When the LED indicator on the status bar turns green.

A: When the LED indicator on the back of the gauge changes from red to yellow.
Q: Should the SDG 200 remain in its original shipped case?
A: Yes, each case contains a standardization plate unique for that specific gauge.
Q: Is it necessary to calibrate the SDG 200 annually?
A: Yes, TransTech Systems suggests annual calibration of the SDG 200 gauge.
Q: Is the SDG 200 case waterproof? 💧
A: Yes.
Q: How do I get customer support for the SDG 200?
A: Call toll-free <u>1-800-724-6306</u> or <u>518-370-5558</u> (8:00 am – 5:00 pm EST - Monday – Friday) or <u>Email Us</u>
Q: Does TransTech provide training for the SDG 200?
A: We welcome individuals to come to the TransTech Systems <u>facility in NY</u> , free of charge, for training. Please call toll-free <u>1-800-724-6306</u> to arrange dates and for any additional training information.
Q: Is the SDG 200 available in languages other than English? 🌐
A: Yes, we can also program the interface for Chinese, French, German, Japanese, Norwegian, Portuguese, Russian, Spanish or Swedish
Q: What type of warranty is available with a new SDG 200?
A: We offer a 1 year warranty on parts and labor for issues related to materials and workmanship on all new SDG 200's.

SDG 200 Library

The specifications listed below are made available for your reference only. You are responsible for ensuring that you are using the latest and most up to date specification from your state.

<p><u>SDG Application Brief</u></p> <p>Explains the <u>process of measuring soil density using TransTech Systems non-nuclear soil density gauge</u></p>
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Phase II Final Report

Development of a non-nuclear soil density gauge to eliminate the need for nuclear density gauges

Evaluation of Non-Nuclear Soil Moisture and Density

Study performed by the US Army Engineer Research and Development Center

Device Comparison for Determining Field Soil Moisture Content

Study performed by the US Army Engineer Research and Development Center

SDG Study

Non-destructive impedance spectroscopy measurement for soil characteristics

A Rapid Field Soil Characterization System (RapSochs) for Construction Control

A Rapid Field Soil Characterization System for Construction Control utilizing an instrumented cone penetrometer

SDG Soil Data Comparison Chart #1

Water content and wet density comparison

SDG Soil Data Comparison Chart #2

Water content and wet density comparison

The **SDG 200 conforms to **ASTM D7830****

Stay Connected



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