

SC 950 SOIL COMPACTION METER

BLUETOOTH PENETROMETER FOR CROP FIELDS AND TURF



VIEW ONLINE:

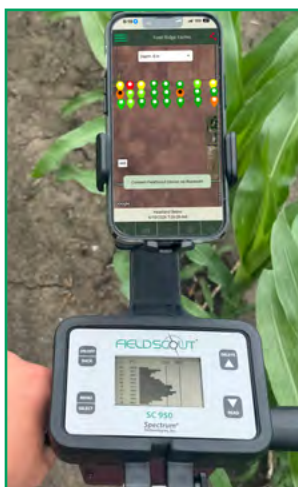


UNDERSTANDING YOUR FIELD'S SOIL COMPACTION THROUGH THE ROOT ZONE

This state-of-the-art electronic cone penetrometer is perfect for soil density, trafficability and compaction studies

Compaction compresses soil particles, reducing the available air space, making the movement of water through the roots difficult. This inhibits the growth of plant roots, negatively affecting crops, plants and turf health.

Using a soil compaction meter will help guide decisions regarding areas of the field that require tillage, changes to crop rotation and planting of cover crops. Golf courses and sports fields can use compaction data to properly irrigate and improve player safety.



FEATURES AND BENEFITS:

- **Advanced Soil Readings:** depth determined by a sonic sensor from 0-18 inches; Compaction index values are measured by a load cell sensor and can be displayed in PSI or kPa
- **Shaft-Mounted Probe:** allows the user to easily and rapidly take many measurements
- **Flexibility:** probe has options for a 1/2" or 3/4" diameter cone tip; shaft can be disassembled into two pieces for easy storage and transport
- **Bluetooth Compatible:** use with the FieldScout® Mobile App for easy configuration and visualizing readings on your phone
- **Backlit Digital Display:** perfect for instant, multi-depth data right on the device, even in low light
- **Data Sharing:** measurements sent to SpecConnect cloud platform for creating reports and additional visualization options

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Technologies, Inc.

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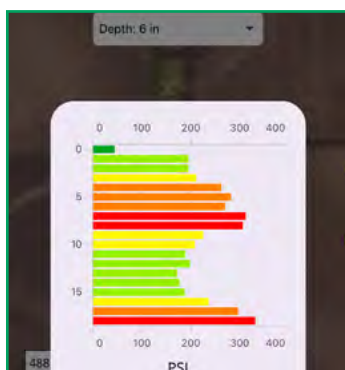
PRODUCT SPECIFICATIONS:

Measurement Units	PSI/inches or kPa/centimeters	Connectivity	Bluetooth, USB Flash Drive
Resolution (Distance)	1" (2.5cm)	Power	4 AA Lithium Batteries
Resolution (Compaction)	1 PSI (7 kPa)	Log Capacity	10,000 profiles
Accuracy (Distance)	±0.5" (±1.25 cm)	Display	Backlit LCD Screen
Accuracy (Compaction)	±15 PSI (±103 kPa)	Weight	3.4 lb (1.5 kg)
Range (Distance)	0 - 18" (0 - 45 cm)	Cone Sizes	1/2" (13mm), 3/4" (20mm)
Range (Compaction)	0 - 1000 PSI (0 - 7000 kPa)	GNSS	Supported Systems: GPS, GLONASS, Galileo, BeiDou, QZSS Augmentation: SBAS (WAAS, EG-NOS, MSAS – regional availability varies)
Maximum Insertion Speed	1 in/s (2.5 cm/s)		
Maximum Applied Load	220 lb (100kg)		

DATA VISUALIZATION:



Configure your compaction meter and visualize readings in real-time on your phone or tablet



Designate farm and field locations, create and share heat maps and compaction reports anytime



RELATED ITEM NUMBERS:

6950	SC 950 Soil Compaction Meter
6050	FieldScout Phone Holder
3035A	SpecConnect FieldScout Pro
6106	Replacement Cone Tip (1/2")
6107	Replacement Cone Tip (3/4")

PURCHASE OPTIONS:

Visit our website www.specmeters.com or call our sales team at +1 (815) 436-4440.

Distributors/Resellers: Spectrum has a large number of local distribution partners who can help with purchasing this product. Contact your local Toro®, Rain Bird® or independent distributor for more details on acquiring Spectrum products and services.

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