

SC 950 SOIL COMPACTION METER

BLUETOOTH PENETROMETER FOR CROP FIELDS



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

Soil compaction is a common challenge in crop production and can develop from repeated equipment traffic, field operations under wet conditions and other management practices. As soil particles become compressed, pore space is reduced, restricting the movement of air and water through the soil profile. Excessive compaction can limit root development, reduce water infiltration and nutrient uptake, and ultimately impact crop health and yield potential.

The **SC 950 Soil Compaction Meter** provides growers with an objective way to measure soil resistance and identify compacted areas or restrictive layers within the soil profile. With accurate field data, producers can better understand where compaction is occurring and determine where corrective management practices may be needed.

FEATURES AND BENEFITS:

- **Advanced Soil Readings:** depth determined by a sonic sensor from 0-18 inches in 1 inch increments; Compaction index values are measured by a load cell sensor and can be displayed in PSI or kPa
- **Bluetooth Compatible:** use with the FieldScout® Mobile App for easy configuration and visualizing readings on your phone
- **Data Sharing:** measurements sent to SpecConnect cloud platform for creating reports and additional visualization options



Field-level data visible from anywhere, 24/7

Spectrum®
Technologies, Inc.

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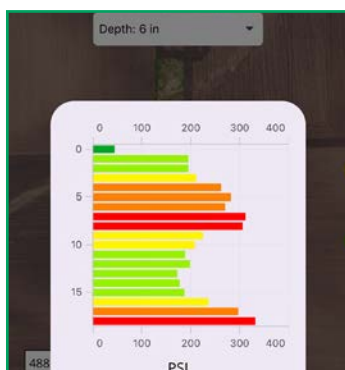
PRODUCT SPECIFICATIONS:

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, EGNOS, MSAS – regional availability varies)
Maximum Insertion Speed	1 in/s (2.5 cm/s)		
Maximum Applied Load	220 lb (100kg)		

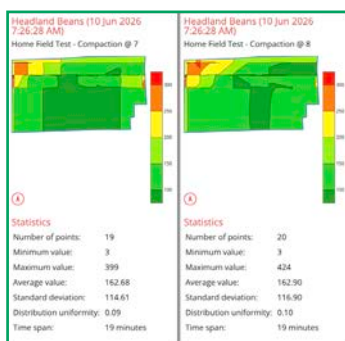
DATA VISUALIZATION:



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:

- Online: www.specmeters.com
- By Phone: +1 (815) 436-4440
- By Email: orders@specmeters.com