

Anavo™ Handheld Carpet Analyzer

PRODUCT DESCRIPTION



The Anavo™ Carpet Analyzer by Axsun combines the accuracy of an expensive near-infrared (NIR) laboratory instrument, with the speed and convenience of an all solid-state solution. The result is the fastest, most accurate portable carpet analyzer on the market today.

Based on Axsun's unique micro-optical platform and patented MEMS technology, the Anavo™ Carpet Analyzer enables the next generation of ruggedized, field-portable carpet identification. With no moving parts to maintain and never any light bulbs to burn out

and replace, the Anavo™ Carpet Analyzer's state-of-the-art laser and micro-optical technology represents a major advancement in ruggedness and reliability. Further, the intuitive user interface enables sophisticated, non-destructive NIR measurements to be taken instantaneously, in the field, by technical and non-technical users alike.

The Anavo™ Carpet Analyzer is the first portable NIR analyzer to combine the performance of expensive lab-grade instruments with the small size and ruggedness of 100% solid-state construction in a handheld, field portable package. The result is a simple, intuitive instrument that takes only minutes for even an inexperienced user to begin operating.

Fast, Accurate “Point-and-Shoot” Answers, Designed Specifically for Industrial Use

The Anavo™ Carpet Analyzer was specifically designed as a simple, point-and-shoot material identifier for the harsh industrial environment typically found in carpet reclamation and sorting facilities.

With the ability to operate at below freezing or well over 100° F (33°C) temperatures without additional hardware, the Anavo™ Carpet Analyzer will keep your production line moving, no matter the conditions.

Simple color-coded LEDs (or an available LCD screen) indicate the carpet material instantaneously. In addition to the fastest measurement time in the industry, the Anavo™ Carpet Analyzer was designed with several other features designed to help increase throughput. The standard audio response allows for quick identification without the need to even look at the display. Dual trigger buttons allow for use in several orientations, again, increasing ease of use and, ultimately, throughput.

While the Anavo™ Carpet Analyzer is delivered with a complete analysis library built into its internal memory allowing for immediate use, it also has the ability to learn new materials, thereby expanding the analysis capability.

Standard communication protocols include USB and wireless, allowing users to easily log and record measurements for tracking or QC purposes. Optional Anavo™ Carpet Analyzer data logging software is available.



FEATURES AND BENEFITS

- Instantaneous (< 1sec) material identification
- Field rugged package designed for harsh industrial environments
- Intuitive user interface – LCD and color-coded LED models available
- Audio response standard; English and Spanish
- Quick change, rechargeable Li:Ion batteries
- Internal, automatic calibration assures long-term accuracy
- Field configurable for custom materials and applications
- Wireless communication allows for tracking and logging of data
- No spare parts or bulbs to replace or maintain
- Ergonomic package designed to reduce repetitive stress syndrome
- Minimal training required
- Dual triggers for ease of use in various applications



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PRODUCT DESCRIPTION

General Specifications

Mode of Operation:	Non-destructive analysis via near infrared spectroscopy
Measurement Time:	instantaneous (<1 sec)
Display:	LCD screen or 8 color-coded LED indicators
Calibration:	Automatic internal calibration
Power:	Rechargeable Li: Ion battery, AC power option available
Dimensions:	16.5" x 8.5" x 3.5"; 42cm x 22cm x 9cm
Temperature Range:	40°F to 115°F; 5°C to 45°C
Identification Library:	Supplied Library updates available via internet
Custom Materials:	May be added using industry standard software
Audio:	Audio response using speaker and/or earpiece
Data Transfer:	USB or optional wireless
Data Logging:	Optional data logging software available
Warranty:	1 yr, parts and labor. Extended warranties and service contracts available
Lease:	Lease options available

The Axsun Anavo™ Analyzer is delivered complete and ready to use with the following standard accessories.

Spare Battery
110/220V Battery Charger
Documentation CD
Shoulder Strap

Optional accessories are available as indicated below.

Option	Description
Line power transformer	Allows operation of Anavo from AC power
Battery	Additional spare battery
Data Logging Software	Stores Anavo results – Data transmitted from Anavo to computer (customer supplied) wirelessly or via USB
Reusable shipping/storage container – Protects Anavo™, charger and 2 batteries	Wheeled, waterproof protective case with foam cutouts to fit complete system



The LED version has eight color-coded lights for instantaneous identification

For more information

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Axsun is ISO 9001:2000 certified