

CREATE A FUTURE OF POSSIBILITIES



LabScanner

A compact and versatile material composition scanner system specifically designed for fast, accurate and reliable reference data collection.

START THE NEXT GENERATION OF SMART MATERIAL SENSING

Introduction

A compact and versatile material composition scanner system specifically designed for fast, accurate and reliable reference data collection.

Through a set sensor modules powered by machine learning, the Labscanner enables the collection of representative laboratory data and delivers it in a low-cost, portable platform.

Technology

The core of the Labscanner system are eight Spectral Engines' Near-Infrared spectral sensors combined with mobile and cloud connectivity to facilitate fast mass data management.

NIR-spectrometers are widely used in many fields to measure material content and have a proven track record in getting highly accurate measurement data in laboratory conditions - but in case of NIRONE sensors in a small, robust, inexpensive way.

Operation

Optical reading requires no sample preparation and does not alter the sample in any way. The system can be operated by easily trained personnel to acquire a reference library of high-volume material in a quality assurance laboratory.

Our solution enables the data gathering with a statistical distribution of spectra, without operator errors and it runs without continuous monitoring.

Labscanner System includes:

- NIRONE Sensor S
- White reference target for calibration
- Laptop with Scanning Software
- Back-up program
- Enclosure
- Battery
- Quick guide

Example applications:

- Pharmaceuticals composition analysis (anti-counterfeiting)
- Textile identification
- Plastics identification
- Narcotics and explosives detection
- Moisture analysis
- Soil analysis
- Grain, feed and dairy analysis



Bring your mobile NIR solution to the next level with the new and improved Labscanner generation!

It makes sense.

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