SOIL SCANNER

DIGITAL SOIL ANAYLSIS DEVICE

SoilScanner, a portable digital soil analysis device, leverages advanced infrared technology and AI models to instantly provide highly accurate on-site soil analysis. It measures critical soil parameters such as pH, organic matter, and essential nutrients like nitrogen, phosphorus, and potassium. Within minutes, it automatically generates field-specific fertilizer recommendations with alternatives, enabling users to increase productivity while reducing costs.

With SoilScanner, you can quickly analyze as much soil as needed before each fertilization, ensuring optimal soil health and maximizing productivity.

01 Precision Agriculture

- Analyzes soil mixture from central points that represent the land's characteristics to determine the optimal nutrients needed for the field.
- Performs variable rate fertilization by analyzing the field plot-by-plot for a more detailed and comprehensive analysis.
- Measures various soil nutrient elements to ensure optimal nutrient application before each fertilization.

02 Fast and Accurate Results

- Provides high-accuracy results within 5 minutes in your email.
- Allows unlimited soil analysis throughout the season.
- Digital Soil Scanner is calibrated for all soil types, allowing you to optimize fertilizer use with on-site and instant analysis.

03 Easy Access & Tracking with Doktar App

- Offers easy access from anywhere through integrated application, Doktar App.
- Allows you to manage, track and compare analysis results.
- Collects data based on location, organic material details, and customers.

04 Low Cost and High Efficiency

- Adapts easily to any region with its portable design.
- Reduces fertilization costs by offering more frequent and multiple analysis opportunities.
- Increases productivity by providing advanced fertilization plan.

ES France - Département Bio-tests & Industries
127 rue de Buzenval BP 26 - 92380 Garches
Tél. 01 47 95 99 90
e-mail : bio@es-france.com
Site Web : www.es-france.com

	BRONZE PLAN	SILVER PLAN
On-site analysis in 5 minutes	+	+
AI-supported fertilization suggestions	+	+
Nitrogen (N)	+	+
Phosphorus (P)	+	+
Available Phosphorus	–	+
Potassium (K)	+	+
Exchangeable Potassium	+	+
Organic matter	+	+
pH	+	+
Cation Exchange Capacity (%CEC)	+	+
Clay (%)	+	+
Soil type	+	+
Soil Moisture	+	+
Calcium (Ca)	–	+
Magnesium (Mg)	–	+
Aluminum (Al)	–	+
Iron (Fe)	–	+
Zinc (Zn)	–	+
Organic Carbon	–	+
Data access & device management	Web + mobile app	Web + mobile app

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