





Multiparameter Soil Analyzer

2019

For Accurate results of various parameters in Soil Testing

SALIENT FEATURES



5" inch high resolution display.



Local Storage for more than 1000 samples.



Determines all important soil parameters pH, Conductivity, Nitrate, Phosphorous, Potassium, Magnesium, Calcium, Aluminum, Ammonia, Chloride, Copper, Iron, Manganese, Sulphate, Zinc, Boron.



Supports state of the art tablets reagents, Tablets remain the most consistent and reliable reagent format available, consistently outperforming other reagent formats with longer shelf life.



soil specific fertilizer recommendations directly to the farmer though SMS/Mobile app.

Provides crop and



Support USB, Bluetooth, NFC and 3G/4G Communication.



In-Built Pre-Programed Methods



Integrated complete workflow solution from Sample Collection to Crop Recommendations

Capture Geo-Coordinates from Field using NFC Tags & E-Mrittika Mobile App

Centralized Cloud Data Storage

Access data anywhere anytime



The Process of Soil Testing

identified and saved.





Each Sample Holder with NFC Tag is programmed with a Unique ID.

Soil Sample is collected from the fields. The soil is collected in the sample holder with the NFC tag attached to it.

Through Mobile App, Geo Co-ordinates are



The necessary soil profile information along with Geo location is Transferred to NFC tag.



The soil sample is transported to the place where the Analysis is to be performed



During the proecudure, at the first, the E-Mrittika instrument reads all the soil information from the NFC tag



Soil Sample analysis is performed on E-Mrittika. There are 14 important soil parameter analysis which can be performed.



Once the soil analysis is done, the data is Transferred from E-Mrittika to the cloud. It can be accessed from anywhere.



Through Cloud, the Data Analysis & Recommendations are done. The Reports are further passed to the right personnels.



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