



senseluto

www.senseluto.com



The SENSELUTO is the ideal solution to streamline and simplify the collection of key soil and environmental metrics for crops, residential and commercial lawns and gardens and golf courses. The device provides a straightforward and easy to deploy solution for soil moisture and temperature, humidity, Electrical Conductivity and NPK. Enjoy increased crop yields and decreased operating expenses with the deployment of this versatile device. The Agriculture Sensor utilizes a ruggedized IP-67 enclosure for use in the most challenging outdoor environmental conditions. The Agriculture and SENSELUTO is seamlessly integrated in SENSELUTO End-to-End IoT solution. Multiple variants for diverse mounting options are available including direct soil surface mount or elevated mounting on a post, fence or vine. SENSELUTO was developed and evaluated by set of agricultural scientists.

This is patented under the name of

Dr Ilangoan Ramasamy, A renowned Agri Scientist and President – Agri Infotech Inc, USA. &

T. Vigneshwaran - Founder – Nandha Infotech, India.

TECHNICAL SPECIFICATIONS

Probe length	90 cm
Dimensions	270mm length X 180mm breadth X height 100mm
Weight	2.7 kg (approx)
Power	Non-replaceable internal Lithium battery included
Operating voltage	15 V
Life expectancy	3 - 10 years
Operating environment	-20 to + 80°C
Waterproof enclosure	IP67 - suitable for outdoor environments
Installation requirements	By hand or rubber hammer
Measurement protocol	Soil resistivity and capacitance
Conductivity parameter	Range 0-20000us/cm
Soil moisture parameter	Range 0-100%
Soil temperature parameter	Range -40~80°C
Soil PH parameter	Range 3~9PH
NPK parameter	Range 1-1999 mg/kg(mg/L)
Soil compatibility	Factory calibrated for 3 common soil types, as well as a generic soil. Custom specified calibration on request.
Wireless protocol	wifi/GSM4G/2G
Frequency	900 MHz/1800 MHz/2.4 GHz
Rate of upload	5/15/30/60/120 sec software configurable
Probe material	Anti-corrosion special electrode

FEATURES

-  **location based weather alerts**
-  **Intelligent irrigation support system**
-  **Productivity analysis**
-  **On cloud**



DEVELOPED BY AGRICULTURAL SCIENTIST AND TECH PROFESSIONALS



PATENTED PRODUCT

Brains Behind Senseluto



Our Recognition



Engineered by **NANDHA INFOTECH**
www.nandhainfotech.com

Contact : +91 99524 98572 | +91 98959 57611

E Mail : info@nandhainfotech.com

Agri Infotech

Collaborated with **AGRI INFOTECH**
www.agriinfotech.com

E Mail : rama@agriinfotech.com