



SECUMETRON

Smart Agriculture



www.secumetron.com

What's **Inside** ?

01

Smarter fields. Better yield

02

Secumetron Smart Agriculture Solution

03

(i) **Secumetron** Smart Motor Panel

04

(ii) **Secumetron** Smart Agriculture App

05

Secumetron Smart Agriculture Features

06

(i) Convenience for the Farmer

07

(ii) Protection for the Motor Panel

08

Secumetron Smart Agriculture Benefits



Smarter fields. **Better yield.**



With the advent of technology, industries all around the world are getting automated, and agriculture is no exception. Automation can proficiently moderate the amount of manual labour, and make farming easier and faster, leading to more agricultural growth and productivity.

Using **Secumetron** Smart Agriculture solution, we want to help farmers automate the operation of motor pumps in their farms using IoT technology, so that they can operate the pumps from anywhere in the world with a single tap on their phone.



Secumetron **Smart Agriculture** Solution

Our Smart Agriculture Solution consists of a smart motor panel and the Smart Agriculture app. You can easily install the motor panel and use **Secumetron** Smart Agriculture app to operate any motor in your farm using a smartphone.



Secumetron **Smart Motor Panel**

Secumetron's smart motor panel works with all kinds of agricultural motors. The motor panel continuously relays information about its working status to Secumetron's smart agriculture app in real time. Here are a few of its features:

- Available in single phase as well as three phase configurations
- Motor switching possible through the app as well as manually for flexible operation.
- Has a built-in contactor box enabling easy installation.
- Protected against all common power fluctuation issues.

Available Variants:

- Single Phase support up to max 3.0HP
- Three Phase support up to max 20.0HP
- Special Three Phase support up to max 100HP



Secumetron **Smart Agriculture App**

Secumetron's Smart Agriculture app is an easy-to-use mobile application that lets you operate motors on the farm from anywhere, be it from the farm premises or outside. It can be downloaded from Google Play store or the App store to use alongside the smart motor panel.

- Ease of use – allows farmers to learn to use the app intuitively, without the need of any detailed instruction manual.
- Turning on/off the motors now possible with a single tap on the app.
- Instant response notifications sent to the farmer whenever an action is taken on the app.
- Features such as schedules, routines and timers to automate motor operation without manual intervention.
- Motor Health Dashboard - Displays motor health status in real time including dry run and overload status.
- Power consumption Dashboard - Displays detailed reports of power consumed by the motors in real time.



Secumetron Smart Agriculture **features**



Convenience for the **farmer**

- Managing large farms is now easier. You no longer have to walk back and forth in the farm to turn on a motor. Quickly do it with a tap on your phone.
- **Secumetron** Smart Motor panel comes with better safety and durability at the same price of an ordinary motor panel available in the market. No more replacing components in the motor panel every 6 months.
- Easily automate motor running operations on the app - With schedules feature, you can set the motor to turn on automatically at preset times. Use the routine feature to run the schedule everyday automatically. Set timers, so the motors are not accidentally made to run for longer than required.
- The app leaves no space for any confusion – You get a notification on the app every time a tap on the app leads to an action at the farm.
- Optional feature of SMS/ Voice call notification available on request



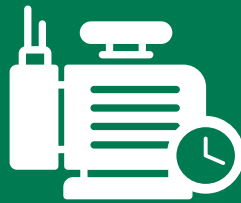
Protection for the **Motor Panel**

- Well protected contactor with resistance to oxidation effects.
- Industrial grade power supply for rugged external usage.
- Motor health status displayed in the app in real time that shows overload and dry-run indications.

Secumetron Smart Agriculture **Benefits**



Get great value
for money




Extend your
motor's lifespan



Improve your
productivity in
the farm



Eliminate
power wastage

We at SECUMETRON believe that technology is not only meant for a select few, but also should be accessible and affordable to all people out there. We take every effort to make our solutions compatible for all our customers. For any queries or clarifications, **please reach out to us at:  +91 86861 25050**

 info@secumetron.com  www.secumetron.com



First Floor, H. No. 8-1-332/3/B/3,
Arvind Nagar Colony, 7 Tombs Road,
Tolichowki, Hyderabad, Telangana 500008. INDIA