

HOPS DRYING MARKET READY KIT





Measure all aspects of the HOPS drying process to optimize settings on airflow, heat and other KPIs, as well reduce energy consumption.

- HOPS Drying Bed Temperature, Humidity
- CFM, Temperature of Air from Fan Duct
- ✓ Blower VFD Drive Energy Usage
- ✓ Natural Gas Consumed in Heater/Kiln
- Environmental Data (e.g., Temperature, Humidity)

Use the data to get real time analytics by the type of HOPS:

- What should be the duration of drying and setting by strain of HOPS?
- How do environmental factors affect the drying process?
- How much energy is used and the cost (Power and Gas)?

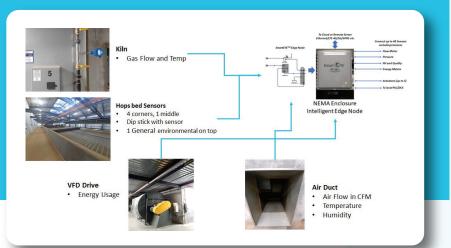
Ectron's Market Ready Kit is easy to deploy. Start measuring data and get analytics to optimize production and save costs. Make your operation more efficient and product quality more consistent.

The entire kit is built around Ectron's AI/ML capable Intelligent Edge Node that aggregates the sensors and performs edge analytics.



Ready to use no-code out-of-the-box Intelligent Edge Node and sensors.

Installation assistance is available.



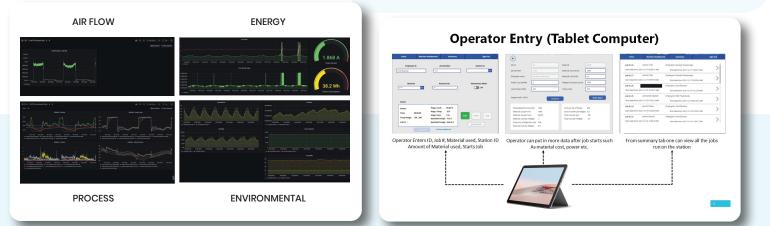
MULTIPLE VARIABLES AVAILABLE FOR EDGE AND CLOUD ANALYTICS

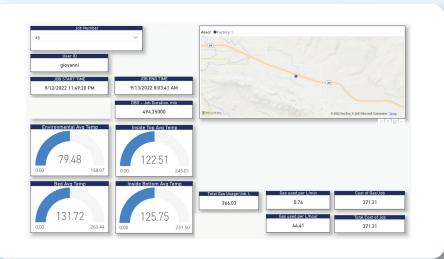
Standard configuration of the Market Ready Kit is:

- ✓ 1 Intelligent Edge Node (for 3 beds)
- ✓ 15 HOPS Bed Sensors
- 🗹 3 Environmental Sensors
- ✓ VFD Drive Power Usage Sensors
- ✓ Air Duct Sensor for Temperature, Humidity and CFM Air Flow
- Computer Tablet for Operator Data Entry

Add-On (Optional)

☑ Gas Flow Meter with Gas Usage





MANAGEMENT LEVEL DASHBOARDS WITH GEO-LOCATION DATA AND PRODUCTION SUMMARY

BALLUFF

intel

The HOPS DRYING Market Ready Kit is offered by Ectron and its partners Balluff and Intel for the HOPS Growing Industry.

