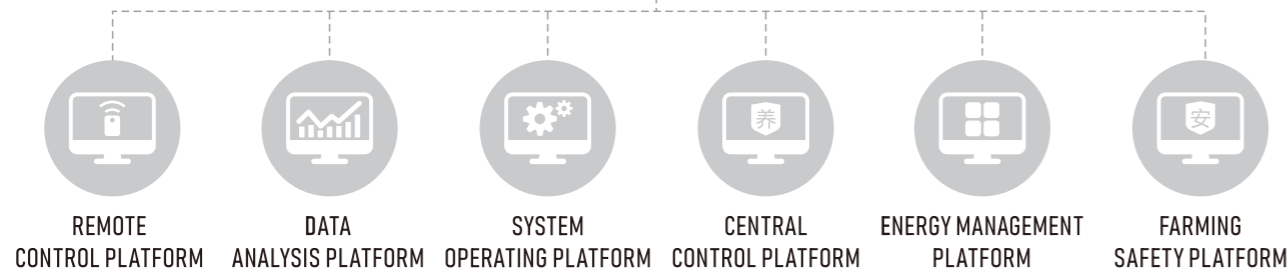


DIGITIZING CLOUD SERVICE PLATFORM



APPLICATION TERMINALS
(Data center, monitoring screen, computer, pad, mobile phone)

POULTECH is dedicated to empower intelligent farming for poultry enterprises with one-stop solution to integrate all sections for cost-efficient benefits. Doing more with less for sustainable growth!



The Forerunner and Pioneer of Digitizing Farm Management
Expert of Climate Control with $\pm 2^{\circ}\text{C}$ Temperature Difference
The Provider of Digitizing Farming System Service



SERVICE SYSTEM

- One-Stop Customized Farming Solutions
- Farm Site Selection Layout Plan
- Farming Skills Training Remote Consultation
- Professional After-Sale Service 24-hour Service Hotline
- Tracking & Survey
- Online Technical Training

HENAN POUL TECH MACHINERY CO., LTD.

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CHICKEN HOUSE CLIMATE CONTROL

INTELLIGENT ZONED CLIMATE CONTROL SYSTEM



INTELLIGENT ZONED CLIMATE CONTROL SYSTEM

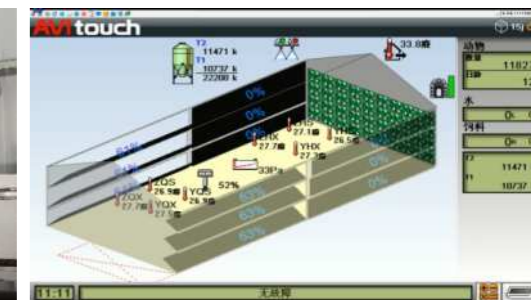
One of the core factors in large-scale farms is the regulation and control of temperature and humidity, as well as the temperature difference inside chicken house. POUL TECH develops 8-12 sub-area control to adjust temperatures of different areas within the most suitable range for the chicken growth. Fully automatic trouble-free operation without manual adjusting.



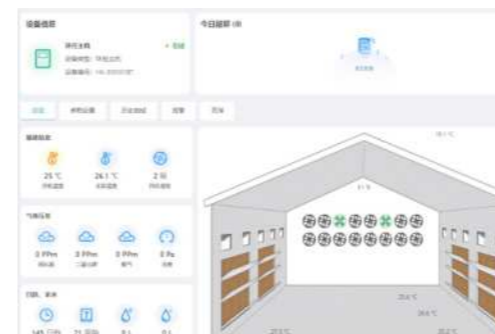
Fan



Climate Controller



Controller Screen



Controlling Cloud

Core Technology



Design and building of consistent-temperature chicken house

Zoned constant-temperature climate controller and software

Different inductive probes in different zones to monitor the chicken house in real-time

Sub-Area designing and controlling to reduce the temperature difference inside chicken house within 2°C

OVERALL ADVANTAGES



Air circulation to bring fresh oxygen to chickens, and exhaust the dirty gas outside

Increasing ventilation volume inside chicken house for sufficient oxygen to chickens, and reduce temperature even without cooling pads

OPTIONAL EQUIPMENT



Super-High Consistent-Temperature Farming System



Digitizing Farm Management System, real-time and remote monitoring of all data

ADVANCED SOLUTIONS



Reduce the huge temperature difference between tiers and front/tail ends of large-scale farms (especially super-high tiers farming)



Greatly avoiding the chicken death due to extremely high or low temperature



Comfortable environment to improve the egg production rate and growth of layer hens



Chicken House Vision-Inspection Robot (SHEEPDOG)

Environment Collection

Data collection of temperature, humidity, ammonia, hydrogen sulfide, Co2, dust density

Environment Analysis

Cloud platform with environment cloud image for environment analysis