CHORE-TRONICS® 3 Controller

TAKE CONTROL of Your Entire Poultry Operation

CHORE-TIME®

Let's grow together™

The CHORE-TRONICS® 3 Control is part of the complete line of poultry production solutions available from your independent Chore-Time distributor.

COUNT ON IT.

Count on Chore-Time for experience, reliability, performance and confidence.

Better Management From Brood to Grow-Out

TAKE CONTROL of your climate, feeding and drinking systems, and much more from anywhere using the CHORE-TRONICS® 3 Control with Mobile App and BROADCASTER™ Alert System. It delivers all the features you have become familiar with – and some powerful tools – in one easy-to-use touch-screen control system.

CHORE-TRONICS® 3 Controller

More Ways to Maximize Bird Performance

The CHORE-TRONICS® 3 Controller gives you complete command over your entire poultry house at every stage of growth. With your input, it automatically maintains precise monitoring and control over the feeding and drinking systems, environment and a wide variety of data relating to your poultry operation. Because you can view consumption and growth data in real time, the CHORE-TRONICS 3 System also helps you spot problems early and fine-tune settings so you get maximum performance out of every flock.

Newest Tools to Manage Productivity

PDS™ Pneumatic Drinking System Technology

The Only Whole House Control That Automatically Keeps Up with Bird Demand for Water

The CHORE-TRONICS® 3 Whole House Controller with PDS™ Pneumatic Drinking System technology provides the right amount of water your birds need, exactly when they need it. It is the only system that automatically adjusts water column height as birds grow. And it is the only controller that precisely maintains levels no matter how many birds are drinking.

Stop Manually Adjusting Dozens of Drinker Regulators as Birds Grow

Let the CHORE-TRONICS® 3 Control do it for you. No separate control box required. No more adjusting individual regulators by hand. The CHORE-TRONICS® 3 Controller uses built-in growth curves to automatically adjust water column height at varying bird ages. Making sure your flock gets all the water it needs for maximum productivity, with less work from you.

- No need to manually adjust dozens of regulators – save time and labor.
- Control your water supply from one central location using defined growth curves.

- Monitor curving of the minimum and maximum flow-rate alarms.
- Choose to flush based on water temperature and/or time of day to help stimulate birds to eat and drink.
- Monitor and fine-tune water column and flush settings with the CHORE-TRONICS® 3 Mobile App.

Multiple Variable-Speed Fans

You can set four different fan groupings at infinitely variable speeds with the CHORE-TRONICS 3 Controller. Lets you smooth out the CFM curve and eliminate spikes in ventilation for more precise climate control.

Zoned Sprinklers

You can control sprinklers automatically for zoned cooling and efficient water use with the CHORE-TRONICS 3 System. Keep your birds cool, save water and save money at the same time.

Large relay box with room for 56 relays saves wall space.

Touch-Screen Simplicity
Large 10-inch (25 cm) Color Display and Intuitive Interface

Color Graphs Bring Your Data to Life
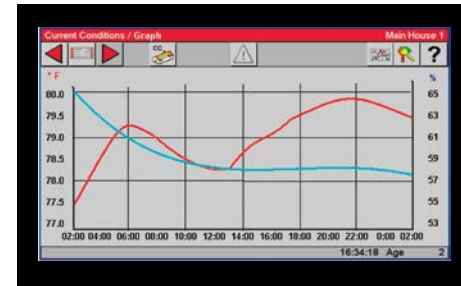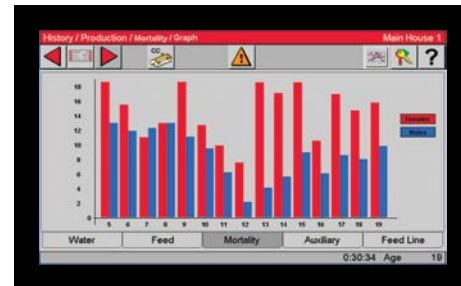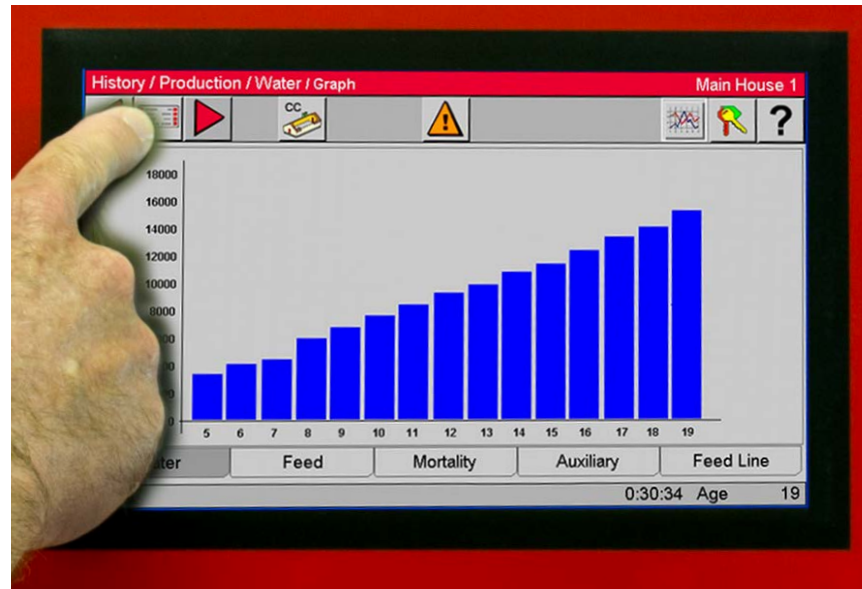
Analyze data and take action based on the production information in your house. Monitor 14-day trends with easy-to-read graphs of temperature, relative humidity, mortality, water consumption and feeder window curves. Summary data for 100 days of mortality, water and feed consumption can easily be viewed in table form.

USB port gives you the option to operate controls with a wired or wireless mouse.

We Speak Your Language

The CHORE-TRONICS® 3 Control comes with 11 built-in languages to improve communication and efficiency. Instantly switch the display text between *English, Spanish, French, Dutch, Turkish, Thai, Chinese, Japanese, Korean, Vietnamese and Polish.* More languages are always being added.

Current Conditions At a Glance

The CHORE-TRONICS® 3 Control gives you all the current condition information you need on a single display. No wasting time searching for critical information. If you need more detail about any one condition, it is just a click away.

- Set, average and variable-speed temperatures
- Current ventilation mode
- Today's water consumed
- Today's feed consumed
- Static pressure
- Relative humidity
- Air speed
- Current bird weight
- Outside temperature
- CO_2 level
- PDS water column height

CHORE-TRONICS® 3
Whole House Control

Only Chore-Time Brings Together So Many Ways to Improve Poultry Production in One Easy-To-Use Controller

Labels in diagram:
- Operation of Air Inlets with Static Pressure
- Light Clock Function with Dimming Control
- Ceiling Inlet Operation
- Heating, Including Zone Monitoring
- Temperature Monitoring and Controlling
- Feed Consumption
- Fiber Optic, Ethernet and Wireless Communication Options
- Humidity Sensing
- Control Multiple Variable-Speed Fans
- In-House Stir Fans
- CO_2 Monitoring
- Air Speed Sensor
- Automatic Tunnel Door Operation
- Zoned Sprinkler Control
- Feed Clock Function and Run-Time Monitoring
- Pneumatic Drinking System Control
- Water Consumption
- Evaporative Cooling
- Outside Temperature Recording

Drinking
- Water consumption
- Low water pressure alarm
- PDS™ water column control
- Line flushing based on time and temperature
- Maximum and minimum water flow-rate alarms
- Maximum and minimum water column height alarm

Ventilation
- Multiple variable-speed fan control
- CO_2 sensor
- Ventilation timer ramping
- Power, tunnel and natural control
- Ceiling inlet control
- Static pressure control
- 16 house temperature sensors
- Outside temperature sensor
- Relative humidity sensor
- Air speed sensor
- Inlet anticipation
- Heater and fan run times
- Cool pad optimizing option
- Stir fan operation
- Sprinkler system control

Integrated Peripherals
- Static pressure sensor included
- Built-in communication
- Dedicated output for light dimmer control
- Dedicated output for backup box
- Eight spare clocks for output assignment

Management Tools
- Mortality data
- Bird weighing
- Water and feed relationships
- Feed conversion estimates
- Feeder line run time
- Wide range of history subjects with graphing
- User-defined programs
- Identify potential house environment problems early
- Quickly measure the impact of operational changes

Feeding
- Feed scale
- Maximum feed run-time alarm
- Feed clock
- Run-time monitoring

Communication and Connectivity Options

Connecting It All Together

The CHORE-TRONICS® 3 System can be connected using a variety of wired and wireless connectivity options to match the unique setup of your operation.

Fiber optic – Regulate all of the poultry houses on your farm within a distance of 6,500 ft. (1,981 m) using lightning-resistant, reliable fiber optic cable. That is nearly a mile and a quarter, or two kilometers. Extend the distance farther with a switch or router.

Ethernet – Traditional Ethernet cable is a communications standard that allows connections up to 300 ft. (91 m). Extend the distance farther with a switch or router.

Wireless – Use Chore-Time's wireless system to create your own on-farm network. It allows easy connection to the network of optional communication devices such as cameras or routers. Wireless systems also reduce susceptibility to lightning and other power surges.

Mobile Access and Control

Control your poultry houses from anywhere with the Chore-Time CHORE-TRONICS 3 Mobile App for your Apple® iOS or Android™ device. It uses a mobile server to communicate with your house control system whenever you need information, wherever you go.
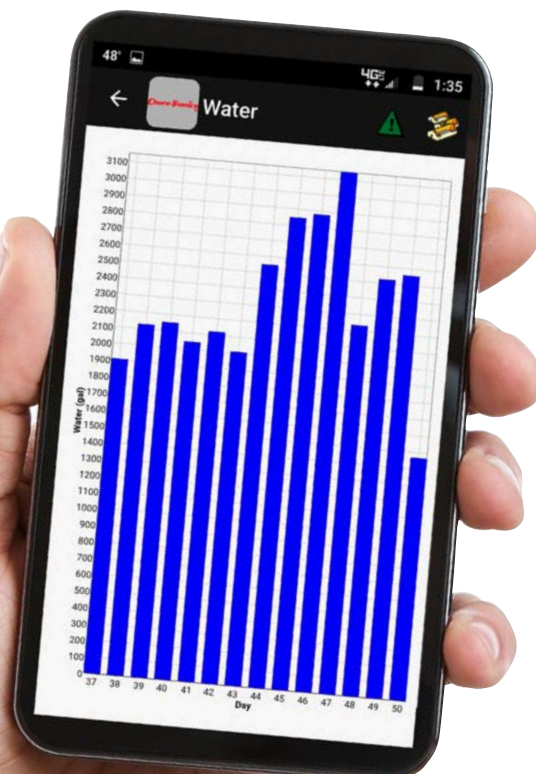
Alert Notification System

Receive alerts on the go through call or text notifications with our optional BROADCASTER™ System. Stay informed of changes in your poultry house environment, and take action on the spot to protect your investment.

C-CENTRAL™ Professional Management Software

Compatible with all generations of CHORE-TRONICS® Controls, our C-CENTRAL Software gives you precise, flexible in-house control, monitoring and analysis of the data you need to make operational improvements.

For the latest information on CHORE-TRONICS Controls and Chore-Time's complete poultry production systems, visit our website at choretime.com.

Day 29

Birds wake up in the morning and go to the drinker line all at once.

No problem. *The CHORE-TRONICS 3 System maintains water column height using PDS technology that responds to birds' thirst.*

Give birds all the water they need, when they need it.

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Day 30

You want to give your birds the most natural growing experience possible. *The sunrise/sunset light feature on the CHORE-TRONICS 3 Controller increases and decreases the intensity of light to simulate the sun coming up in the morning and going down in the evening.*

Wake up birds naturally for ideal growth.

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Day 36

Thunderstorm warnings are in your area, and you see lightning in the distance. *You're not worried about your poultry operation, because you installed a combination of fiber optics and wireless connections for your CHORE-TRONICS 3 System.*

Get extra confidence when lightning strikes.

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Fully Integrated Management Options

CHORE-TIME® Bird Scale

Built into the CHORE-TRONICS® 3 Control – no separate scale controller needed!
Chore-Time's Fully Integrated Bird Scale provides an affordable and accurate diagnostic tool that can help you optimize your production operation and better plan your bird harvest date.

CHORE-TIME® Feed Scale

Schedule and measure bird performance in your operation based on eating rates and habits. Accurate daily consumption rates help in evaluating growth performance and in identifying potential problems.

Feed Inventory System

Chore-Time's Stand-Alone Feed Inventory System provides an economical means for managing and monitoring feed stored in feed bins on the farm.

Programmable Backup (PBU) Box

Input your house temperature curve, and

Chore-Time's PBU will adjust the backup cooling and heating outputs automatically. It eliminates frequent resetting of mechanical thermostats. Connects to standard or extended backup boxes. Other backup options are also available.

Monitoring Sensors

CHORE-TRONICS® Air Speed Meter – Manage

and monitor tunnel fan operation. Our Air Speed Meter verifies tunnel fan performance by dependably measuring airflow over 125 feet per minute (0.635 m/s).

CHORE-TRONICS® CO$_2$ Monitor – Provides consistent and accurate CO$_2$ readings so you can make ventilation adjustments to maintain air quality.

CHORE-TRONICS® Feeder Line Run-Time

Monitor – Can be connected to every feeder line in a poultry house to track daily run time per line and to build a database of information for diagnosing and solving feed distribution problems.

CHORE-TIME® Water Meter – Knowing daily water consumption rates helps you evaluate growth performance and identify potential issues.

CHORE-TRONICS® Humidity Sensor – Accurately

shows current relative humidity as well as minimum and maximum values.

CHORE-TRONICS® 3 Control

Expandable to Easily Add Future Functionality

Looking for a system that can grow with your needs? CHORE-TRONICS® 3 Controls are modular and upgradeable so you can add new options, features and capabilities at any time. An external USB port provides easy access for control setup, data collection and system upgrades.

- Choose 32, 40, 48, 56 or 80 nameable outputs
- Includes a combination of analog and digital inputs for a total of 28, and can be expanded to a total of 56
- Up to 10 optional controlling temperature sensors may be added for a maximum of 16

Add new features via USB upload to meet your growing operation and monitoring needs.

Back up and easily transfer settings between identical controls with a USB setup key.

COUNT ON IT.®

Chore-Time has been a leader in poultry and egg production systems since 1952. We have the experience to deliver complete solutions for feeding, feed handling, drinking, egg handling, climate control and management systems. You can count on Chore-Time and your independent Chore-Time distributor for equipment reliability, production performance and ultimate confidence.

CHORE-TIME®

Let's grow together™

www.choretime.com

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