

Controls and Software

CHORE-TRONICS® 2 Controls



Let's grow together®



Chore-Time's Controls and Software Make House Management Easier and More Convenient

Dependable hardware technology and software algorithms

- Chore-Time's CHORE-TRONICS® Controls are industry favorites thanks to their easy expandability, built-in peripherals and other convenience features.
- Chore-Time's Software and Accessories are designed for user convenience and to optimize bird performance.



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

Chore-Time Controls & Software

When you grow with Chore-Time, you get the controls, software and accessories you need to manage your flock. Control, monitor, analyze and improve your birds' performance using field-proven controls and software from Chore-Time.

Our control accessories include means of improving scheduling for bird harvest and feed delivery, verifying tunnel fan operation and backing up temperature curves. Chore-Time's line of controls and software includes the following dependable management tools:

- CHORE-TRONICS® 2 Controls
- CHORE-TRONICS® Breeder Control
- CHORE-TRONICS® Retro Box
- CHORE-TRONICS® Relay Box & Set-Up Key
- C-CENTRAL™ Professional Software
- CHORE-TIME® Bird Scale, Air Speed Meter, ELT Interface and Monitoring Sensors
- CHORE-TIME® Feed Inventory System and Feed Scale Systems
- CHORE-TRONICS® Programmable Back-Up



Reduce rapid temperature fluctuations by using the pulsing option of our CHORE-TRONICS® 2 Controls to wet just part of the pad for more precise control of cooling.

Management Tools

- Ventilation timer ramping.
- View current mode of operation as well as transitions.
- Wide range of history subjects.
- User-defined programs.
- Configure to show today's water and feed.
- Transfer settings or back up settings to set-up key.
- Identify potential house environment problems early.
- Quickly measure the impact of operational changes.

CHORE-TRONICS® 2 Controls

Proven performance with enhanced features and built-in peripherals

Easily Expandable

- Choose 32, 40 or 56 outputs – add more, up to 80.
- Includes 20 inputs – add up to 28 more.
- Up to 6 optional controlling temperature sensors may be added for a maximum of 12.

Convenience Features

- Large, easy-to-read text in English or Spanish.
- External contrast control.
- Easy data entry.
- External set-up key port.
- Large screen; less scrolling.
- Quick screen access and set up.
- Straightforward navigation.
- Intuitive subject keys.
- Nameable outputs.

Built-In Peripherals

- Static pressure sensor included.
- Built-in communication (FNM) board.
- Dedicated output for light dimmer control.
- Dedicated output for back-up box.
- Eight spare clocks for output assignment.



CHORE-TRONICS® Breeder Control

Includes All the Features of the CHORE-TRONICS® 2 Standard Control, Plus Extra Capabilities Especially for Breeder Production



CHORE-TRONICS® Breeder Control

- Ability to turn on extra tunnel fans during and after feeding times.
- Ability to control egg storage room environment (heating, cooling and humidity).
- Separate filling and feeding clocks for male and female birds.
- Can deliver a pre-determined amount of feed from either a dump scale or a mechanical beam scale.
- Customizable feeding programs for every-other-day, 5-and-2, etc.
- Water clock with feeding day and non-feeding day schedules.
- Winch clock to lower male feeder.
- Expanded management screens to track egg data.
- Weekly summaries in history screens.
- Special lighting program for feeding time.



The large CHORE-TRONICS® Relay Box saves wall space by including 56 relays in a single box. The large interior allows more room for routing wires.



Let's grow together®

CHORE-TRONICS® Retro Box

Chore-Time's Retro Box Converts CHORE-TRONICS® Model 32 or 40 to a CHORE-TRONICS® 2 Control

Chore-Time presents the easy way to convert your original generation CHORE-TRONICS® Control to add the expanded features and capabilities of the newer generation CHORE-TRONICS® 2 Controls.

- Provides owners of Model 32 or Model 40 CHORE-TRONICS® Controls with all the features of a CHORE-TRONICS® 2 Control without the expense of a whole new control.
- Utilizes the CHORE-TRONICS® Relay Box, Temperature Sensors and Static Pressure Kit to minimize installation time and reduce costs.
- Allows CHORE-TRONICS® Controls to be expanded beyond 40 relays to a maximum of 80.



CHORE-TRONICS® Retro Box

CHORE-TRONICS® Set-Up Key permits easy transfer of settings between identical controls.



C-CENTRAL™ Professional Software

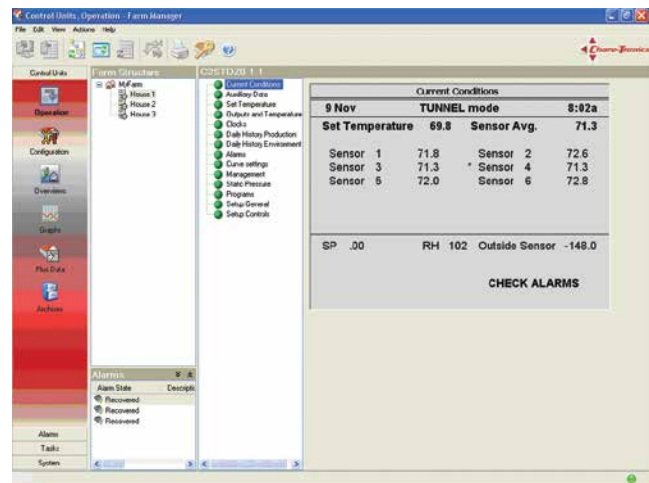
CHORE-TRONICS® C-CENTRAL™ Professional Management Software

Used with Chore-Time's CHORE-TRONICS® Controls, C-CENTRAL™ Software gives you precise, flexible in-house control, monitoring and analysis, and the data you need to make operational improvements.

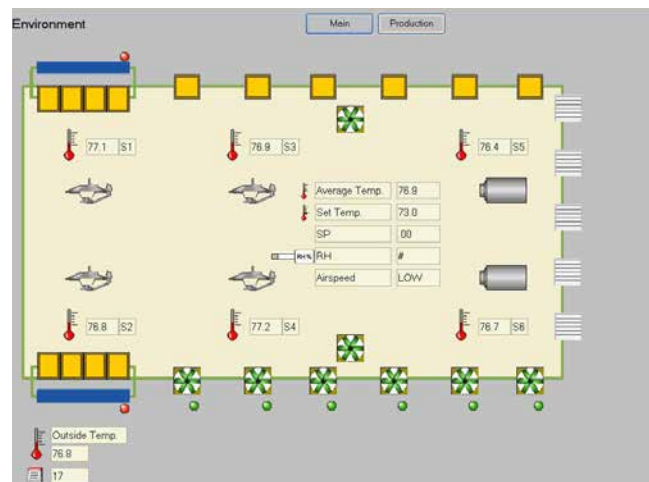
- Choose English or Spanish at time of installation. Software includes both.
- Monitor, adjust and retrieve data from multiple controls from the farm or off site.*
- Page and table templates help display user-selected information quickly.
- Critical data can be presented on-screen or printed, in table or graph form.
- View vital statistics of one room, one house, or the entire farm, at a glance.
- Archive data for future review and comparison.
- Retrieve data when and where it is most convenient.*
- Access critical data easily for better decision-making.
- Use data to fine-tune house conditions and to find and resolve problems.
- User-defined fields and virtual "plus" keys for convenient customization, including accurate calculation of house operating costs.
- Data is exportable to other common spreadsheet programs.
- Uses familiar Windows®-based operating system.
- C-CENTRAL™ Software is compatible with all generations of CHORE-TRONICS® Controls.

*Remote monitoring with C-CENTRAL™ Software may require additional hardware or software (not included).

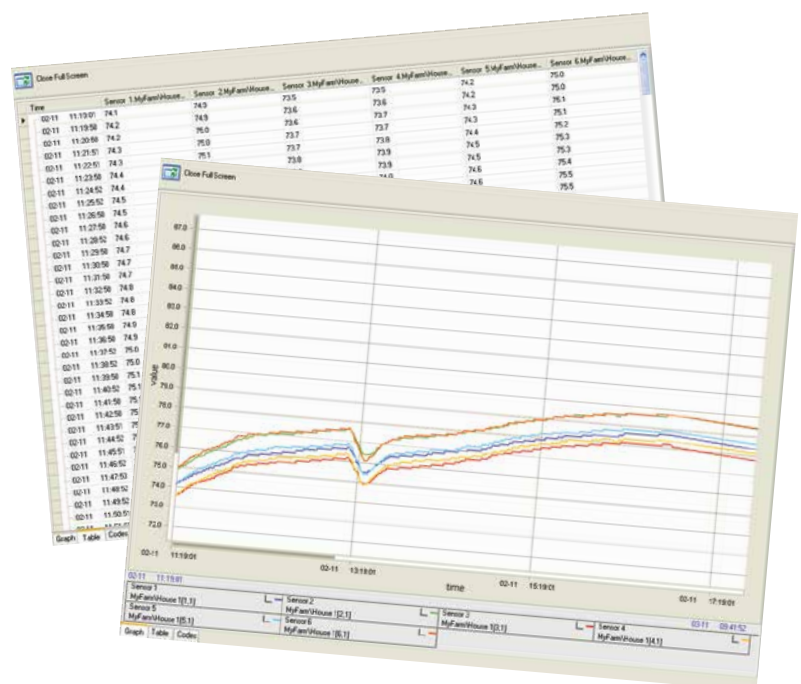
Windows is a registered trademark of Microsoft Corporation.



Control



Monitor



Analyze and Improve



The CHORE-TIME® Bird Scale's control (shown top left) features the same easy-to-read display and simple operation users have come to value with the CHORE-TRONICS® Line of Controls.

The CHORE-TIME® Breeder/Pullet Scale (shown top right) has up to eight scale inputs and allows for multiple house connection. Each weighing platform can weigh birds in two different weight ranges (males and females).



Dependable ceiling mount contributes to greater accuracy and longer working life, and also simplifies platform height adjustment.

CHORE-TIME® Bird Scale and Air Speed Meter



Chore-Time's Bird Scale provides an affordable and accurate means of knowing when your birds are ready to be harvested in order to maximize your processing efficiency. At the same time, it is a valuable diagnostic tool that can help you optimize your production operation.

Advantages of the CHORE-TIME® Bird Scale

- Improves timeliness and accuracy of data for more precise bird harvest scheduling.
- Simplifies growth and uniformity tracking based on user-defined standards.
- Birds move across the scale on their own, reducing labor requirements for weighing and sampling.
- Scale features durable, corrosion-resistant steel construction.
- Dependable hardware technology and software algorithms.
- Automatic system reduces biosecurity risk of manual weighing.

Specifications of the CHORE-TIME® Bird Scale

- Models available are suitable for broilers up to and over 8 pounds (3.6 kg) or turkeys under 30 pounds (13.6 kg).
- Scale kit includes two scale units and one Bird Scale Controller.
- Use Bird Scale's Control for direct collection of weight data from up to two scales, or network multiple Scale Controls through C-CENTRAL™ Software to analyze data from multiple houses.

CHORE-TIME® Air Speed Meter

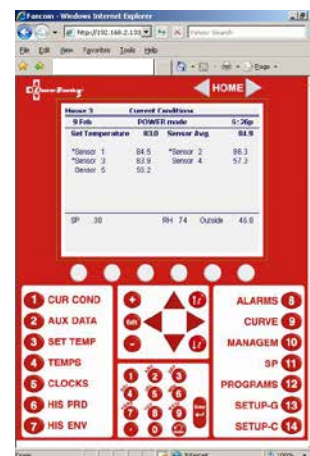
Chore-Time's Air Speed Meter helps verify tunnel fan performance by dependably measuring air flow over 125 feet per minute (0.635 m/s). Unit is easy to install and low maintenance.



ELT Interface and WebLink Box

Chore-Time's ELT Interface converts information from a CHORE-TRONICS® 2 Control into a web-friendly format. This permits growers to remotely monitor farm conditions, make adjustments to control settings and respond to alarms. With internet access and the ELT connected to a CHORE-TRONICS 2 Control, authorized users can fully manage and control poultry houses from anywhere in the world.

Chore-Time's ELT Interface also facilitates easy connection to C-CENTRAL™ Professional Software. (ELT box shown near right; browser view shown far right.)



Chore-Time Feed Monitoring Systems

Chore-Time offers industry-leading monitoring systems for feed inventory and feed consumption.

Monitoring Feed Inventory

Use Chore-Time's Load Cell Indicator Control and corresponding load cell packages to monitor the feed levels in your feed bins. Using the Load Cell Indicator Control takes the guesswork out of knowing how much feed is left in the bin or when to schedule a feed delivery. It also eliminates the need to climb the bin to visually inspect the feed inventory.

Monitoring Feed Consumption

Chore-Time's Feed Scale Control can be used to provide an accurate measurement of daily feed consumption. Data provided by the Feed Scale can also be used to track consumption relationships as well as serving as an indicator of overall bird performance. The Chore-Time Feed Scale can be placed in-line with the FLEX-AUGER® Fill System to track total house consumption, or use a Feed Scale on each feed line in the house for more specific data on where the birds are eating.

Feed Inventory System

Chore-Time's Feed Inventory System provides an economical means for managing and monitoring feed stored in feed bins on the farm. Producers easily check feed bin weights by using a read-out screen. Getting precise weights aids in better managing feed inventories and helps to prevent costly out-of-feed events. Designed to work as a stand-alone system, the feed inventory system also can be connected with Chore-Time's popular C-CENTRAL™ Software to provide remote location and multiple house monitoring.

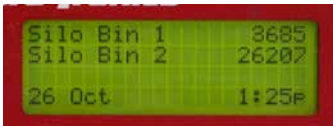


Economical, precise feed inventory management

Load Cell handles up to 10,000 lbs. (4,500 kg) per feed bin leg



Load Cell Indicator Control is simple to operate for monitoring feed bin weights



Easy-to-read four-line viewing screen always remains lit

Works with C-CENTRAL™ software to remotely monitor feed inventories at the farm or off site

Kits Available	MODEL NUMBER	MAXIMUM SYSTEM WEIGHT	
		TONS	METRIC TONS
Two Six-Leg Bins	ST55000-K	60	55
Two Four-Leg Bins	ST55001-K	40	36
One Six-Leg Bin	ST55002-K	30	27
One Four-Leg Bin	ST55003-K	20	18

Other accessories are also available.

CHORE-TIME® Feed Scale

Chore-Time's Feed Scale is a real-time diagnostic tool to help measure bird performance based upon eating rates and habits.

Advantages of the CHORE-TIME® Feed Scale

- Accurate daily consumption rates help in evaluating growth performance and in identifying potential problems.
- Unique pivoting, split hopper dumps feed from one side while the other side is filling, for continuous flow of feed.
- Dependable unit eliminates common variables, such as temperature variations and power surges, for greater accuracy.
- Scale features durable, corrosion-resistant steel construction.
- Unit registers exactly what is being fed rather than relying on problematic volumetric projections or imprecise auger timing.
- Scale is factory-calibrated for high accuracy.
- Real-time data regarding feed can be used in scheduling feed deliveries.
- Use one or more scales per house as desired along with a CHORE-TRONICS® Control. Each Control can monitor multiple feed scales.



Let's grow together®



The CHORE-TIME® Feed Scale System mounts neatly against the sidewall of the house.



CHORE-TIME® Monitoring Sensors Offer Additional Management Capabilities

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 use in diagnosing and solving feed distribution problems. Shown from left to right are Chore-Time's Run-Time Monitor, water meter and humidity sensor.

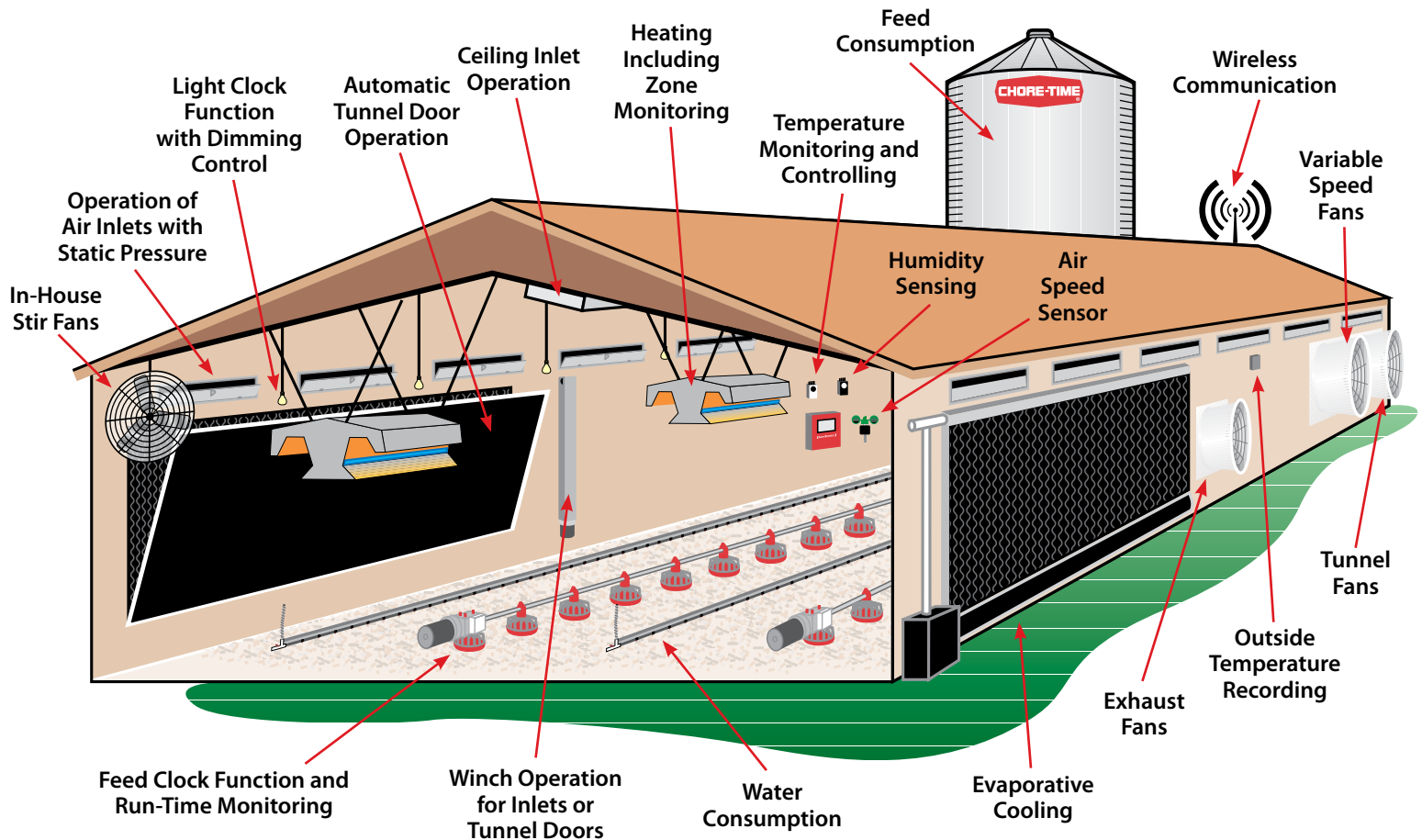


Chore-Time's CHORE-TRONICS® Programmable Back-Up Box Follows the House Temperature Curve

Eliminate frequent resetting of thermostats with Chore-Time's Programmable Back-Up Box. Input the house temperature curve, and Chore-Time's PBU will adjust the back-up cooling and heating outputs automatically. The PBU replaces a thermostat to drive existing back-up boxes and to maintain relay redundancy. It adds a layer of safety for operation of house ventilation and heating in the event of a failure or operator error from the main house controller.



With Chore-Time® Controls & Software, you can control all the Chore-Time systems in your house with a single, whole-house solution!



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



Let's grow together®

www.choretime.com

Chore-Time is a division of CTB, Inc.
A Berkshire Hathaway Company

Find your authorized independent distributor at choretime.com/distributor

Chore-Time
Milford, Indiana USA
info@choretime.com

Chore-Time Europe Sp. z o.o.
Strykowo, Poland
info@choretime.pl

Chore-Time Europe B.V.
Panningen, Netherlands
info@choretime.nl

Volito B.V.
Veenendaal, Netherlands
info@choretime.nl

CT-2296/202201