

Model 5511 Universal Scale Controller



- **Simple Operation**
- **High Sample Rate**
- **Intelligent Filtering**
- **All Programs – One Box**
- **Color Touch Screen**
- **Ethernet TCP/IP Included**
- **Easier Calibration**

Using the very latest in processor technology, the 5511 delivers a color touch screen interface, simple user screens, easy configuration and drop-in functionality for all types of fill-by-weight and checkweigh applications.

The 5511 has the I/O, the intelligence, and the experience to handle your filling or weighing application like no other device on the market. As a board-level solution connected by Ethernet IP to your PLC, or a complete enclosure with terminals, switches and display for single or multiple head fillers or checkweighers, the 5511 does the job.

Applications

- Valve Packers
- Net Weigh Scales
- Bulk Bag Fillers
- Bag-In-Box Fillers
- Drum Filler
- In-Motion Checkweighers
- Pass-Through Scales

***All Programs Included
In Every 5511 Controller***

Features

- 110VAC Power Connection
- 24VDC Inputs & Outputs
- Optional 110VAC Outputs
- 8 Inputs & 8 Outputs Per Channel
- Timers & Prompts
- Auto-Tracking
- Auto/Manual Set Points
- Serial I/O Ports
- Ethernet TCP/IP Standard
- 3-Level Password

***Update Programs via
Ethernet and your laptop***



Thompson Scale Company

WEIGHING SYSTEMS & PACKAGING MACHINERY CONTROLS

Connect → Configure → Control

Connect

Manage your connections to the 5511 via RS-232 or RS-422 or Ethernet TCP/IP. All ports are on-board and offer full bi-directional communications. Defined command sets allow for recipe entry, data output, saving settings and up-loading the latest programs and fixes.

Data is the second most important function of any scale. The 5511 provides a variety of data configurations, with configurable protocols and easy on-screen settings for defining IP addresses. Optional Ethernet IP ports provide a direct connection to Allen-Bradley's® line of PLC's. Optional analog ports can provide proportional control of servo-driven feed gates and valves.

Configure

One controller – all programs. The 5511 contains all the programs required to run your filling or in-motion weighing applications.

The 5511 main board contains hard-wired address jumpers that set the controller's identity. Select Net Weigh Filler configuration, and all the associated sequencing and I/O are there. Settings for timers, interfaces, interlocks, etc., all exist within each specific filler or weigher type. *One box – many solutions.*

Control

Intelligent control of your filling and weighing process is included. Set points, both automatic and manual are available, settings for optimum response time, filtering and averaging are there. We Know Fill-by-Weight. Thompson Scale's 40 years of experience operating virtually every type of filling process has been built into the 5511. Our experienced technical staff gives you the support you need to gain the best possible performance and gain market share in your industry.

Features

- NEMA 4X FRP Enclosure
- Several Sizes to Choose
- Full Color 5.7" Touch Screen
- Environmentally Protective Overlay
- Replaceable Screen Protectors
- Fused 110VAC Source Connection
- Fused 24VDC Outputs
- 8 - 24VDC Source or Sinking Inputs
- Eight 24VDC Solid State Outputs
- Optional 110VAC Triac Outputs
- 10VDC or 24VDC Load Cell Excitation
- Drive Up to 4 Load Cells Per Channel
- Single Static Calibration
- Sample Rate to 500/sec
- (we use 100% of samples)
- Adjustable Digital Filter
- Adjustable decimal point
- Increments of 0, 1, 2 & 5
- Hard-wired device type select
- Valve types, bulk/dribble combos
- Timers and settings unique to filler
- Manifest, 3 or 5 zone Checkweigher
- Data output ports included
- RS-232, RS-422 & Ethernet TCP/IP

Your Integrator:



Thompson
Scale
Company

Houston, Texas
Phone: 713-932-9071
Fax: 713-932-9379