

CTR3

SCALE CONTROLLERS

*6th Generation Technology for
Process Scales*



CTR3 Scale Controllers
Comptrol
Technologies Inc.

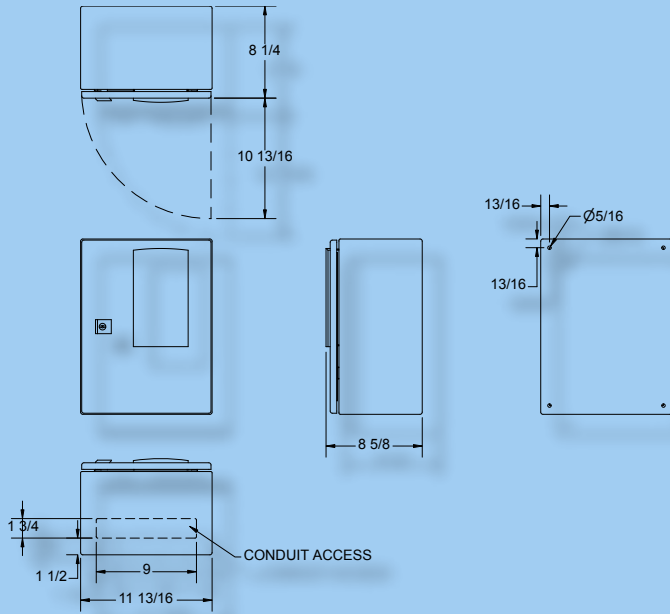
Features:

- Available in with 1/4 VGA display and a full keypad, or in a “headless” version. You can fit the control system to your usage, and your budget!
- Live trending right on the scale display (where applicable).
- Web page access to scale data and parameters. Access the scale from anywhere on your network!
- Available with DC or AC I/O to suit your control system.
- Graphical scale status display and descriptive, not coded, alarm messages
- Can be directly controlled by Comptrol’s MillView, BlendView, a PLC, or your existing PC based control system with any of Comptrol’s network interface solutions.
- Available with all of the standard industrial networks: Ethernet Modbus (standard), CAN-Open, DeviceNet, Ethernet I/P, Profibus, and Profinet. Wireless now available for all Ethernet based networks. Save time, money, and wiring!
- Can be retro-fitted to all Comptrol scales or used to upgrade other brands equipment
- NEMA 4 enclosures available in painted mild steel (std), 304, or 316 Stainless Steel



B9-3375 North Service Road
Burlington, Ontario L7N 3G2
CANADA
Phone: (905) 637-2229
Fax: (905) 637-2344
www.comptrol.com

CTR3 SCALE CONTROLLERS



Four Versions of the CTR3 Controller are available:

- CTR3-LW - For our 67 and 77 Series Scales
- CTR3-SG - For our 36 Series Scales
- CTR3-DG - For our 47 Series Scales
- CTR3-FC - For our LIW Ingredient Feeders

Standard Web Interface

Monitor, control, and configure the scales from anywhere on your Ethernet network!



Automatic Weighing has never been easier. Comptrol Technologies' latest line of scale controllers handles all the requirements for accurate and reliable weighing of bulk materials. Models are available to control Loss-in-Weight scales, Gain-in-Weight scales, Net Weighers, and custom scale requirements. The improvements to the controllers are numerous and across the board. Most importantly, the processors are faster and more sophisticated, allowing for better data analysis with lower costs. Interface to the controllers is flexible with AC or DC I/O available for every connection point. When you opt for the terminal interface version, a convenient graphics display and keypad provide a complete operator interface and you now get real-time trending right on the scale display, standard. Whether you have the terminal interface or go with the new headless option, you have remote access to the scale data and configuration through the on-board web server, standard. Ensuring the controller software remains current is greatly simplified by remote updating from any computer on your network.

We have also made the upgrade process as painless as possible. The controller enclosure bolts to the exact same hole pattern as most of our existing controllers and the basic terminal block wiring is the same as every generation of controller.

Integration into plant automation systems is easy and automatic. The CTR3 controllers are capable of Ethernet-IP, Ethernet-Modbus, Profibus DP, Profinet, CANopen and DeviceNet communications.

General Specifications (all models) :

Accuracy

Accuracy percentage CTR3-DG 0.1%, All Others 0.2%

Electrical

Voltage..... 110/220 VAC Power Required... 115 VA

Frequency..... 50/60 Hz

Inputs/Outputs*

Voltage..... 24VDC standard, 120VAC optional

Available Inputs..... downstream hold, start, stop, 4-20 mA flow rate

Available Outputs.. alarm, batch target reached, pre-target, running, accumulation pulse

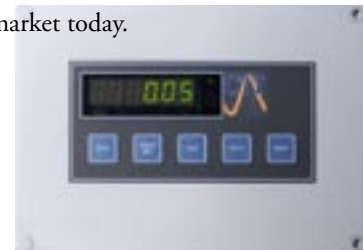
Communication

Networks..... Ethernet Modbus (Standard), DeviceNet, Profibus, Ethernet I/P, CANopen, Profinet. Ethernet based networks now available with a wireless transceiver!

OPC complete OPC server available for scale data and control via Windows applications

* Some I/O points are excluded with the addition of a network card

The IND-7400 loadcell indicator is the perfect companion to the CTR3 controller. This new model provides all the speed and precision required for automatic weighing. The CTR3 controller can also interface to older UMC models and most indicators on the market today.



B9-3375 North Service Road
Burlington, Ontario L7N 3G2
CANADA
Phone: (905) 637-2229
Fax: (905) 637-2344
www.comptrol.com