

660 Series Controllers - accuracy and control for all your weighing applications.

'C' What You Can Do

GSE User C – Program your application in 'C' to enhance controller operation. Our User 'C' development kit expedites application development. All operator prompts, process control, communication and data management functions can be controlled using the standard 'C' programming language. Compile your code, link it with our GSE library module, load it into RAM and test it with the emulator to debug your code. GSE provides the tools, you provide the code.

GSE Macro

Macros empower you to customize your application with a comprehensive set of commands. All operator, process, communication and data functions can be controlled by macro commands. A Macro applies the principals of boolean logic in a sequential structure written and edited with any text editor. GSE offers a program called "GSE Com2" as a tool to write and download the macro programs.

Standardize and Increase Your Versatility

Five display and several enclosure choices combined with robust programming languages accommodate an infinite number of applications. Selecting a controller versatile enough for all your weighing requirements can...

- Reduce personnel training
- Increase productivity
- Simplify system maintenance
- Reduce spare parts inventory
- Decrease new system development time

Reduce Costly Material Variances

No matter what the application, material variances are costly. 660 controllers provide the precision of an NTEP instrument, the control of a PLC and the data management capability of a computer. Material control means...

- A more consistent product or service
- Increased profitability
- Accurate material inventory control
- More precise batch ingredient ratios

Communicate With Any Peripheral Device

Custom Transmit - Any weight or process parameter, ASCII control code or custom control code can be transmitted from the 4 communication ports in any format or style.

Input Interpreter – Upon receiving any control code, character or data string, a user defined function or task is executed as programmed for the application.

- Four (4) RS232 communication ports, full duplex
- 250 custom transmit and input interpreter tables

Manage Your Critical Application Data

Database modules provide a tool for managing critical process data with up to 98 columns (fields) per record. Database modules are commonly used in batching applications for recipe recall and transaction storage, in bagging and packaging systems for total throughput, number of bags and tolerance data, or in truck scales for commodity manifest systems.

- 250 individual databases
- 18 Function: recall, store, update, sort, upload, download, etc.
- 256K, 1M, 2M byte modules
- Databases are user defined and created specifically for each application

Application Control With I/O and PDIO

128 I/O relays allow for 20 independent activation and deactivation conditions for intelligent control alternatives. PDIO (Programmable Digital Input Output) allows the 660 to process various digital input signals from quadrature encoders, flow meters and most other pulse generating devices. Programmable frequency output can be based on any scale parameter for vibratory feeder and other controls.

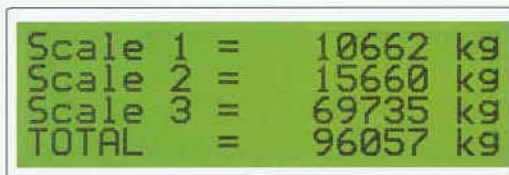
- 8 PDIO channels
- 128 I/O points, optically isolated
- Timers and counters, up/down

Program Your Operator Interface

- Keypad mapping allows any key to be redefined to be more suitable for application requirements.
- Five programmable display options let you display as much information as the application requires.

Versatile Display Selections

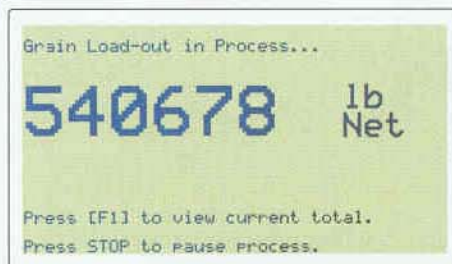
- Two (2) LCD Addressable Backlit Displays feature software contrast and backlit adjustments, 3 font sizes
- Two (2) Vacuum Fluorescent Displays (VFD) operate independently or can be combined for increased flexibility.



Scale 1 =	10662	kg
Scale 2 =	15660	kg
Scale 3 =	69735	kg
TOTAL =	96057	kg

Model 662

8 x 40 LCD Backlit, font size 2 illustrated



Model 663 and 665

16 x 40 LCD Backlit - font sizes 1, 2 and 3 illustrated

Model 663 and 665



6 Digit VFD and 4x20 VFD

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