720i™

PROGRAMMABLE
HMI INDICATOR /
CONTROLLER

RICE LAKE®
WEIGHING SYSTEMS
To be the best by every measure®

800-472-6703
www.ricelake.com
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on there's 720*i*

NEMA 4X/IP66 Rated Enclosure
Heavy-duty, stainless steel embossed enclosure is ideally suited for toughest industrial environments.

Zero/GrossNet Menu/Tare/Units Print Keys
Most common interface keys located on the front panel for easy access.

Deterministic I/O Control
The 720i essentially combines all the features and benefits of weight-based control system architecture with that of a typical PLC.

Simple, start to finish

Using the same straightforward configurable batch engine as Rice Lake's other programmable indicators, the 720i allows you to design your own multi-step procedure to run automatically from beginning to end. Up to 32 setpoints are available for driving the actions your system requires. Once configured, the process can be started, paused, or stopped with softkeys on the display, or signaled from other sources like serial commands or digital inputs. Each action can be named and displayed as it's performed. Choose to run your process manually, a number of times through, or continuously.

Figure 1
The example below displays a simple sequential process that could be programmed using 720i's standard batch engine. At the touch of a button gates (A) release product into a large hopper. The product is then measured using weight data collected from load cells (B). Next, the 720i signals a motor (C) to mix the hopper contents for a given length of time. Lastly, another gate (D) is engaged to discharge a certain amount of product based on weight (B), while a conveyor system is simultaneously activated (E).

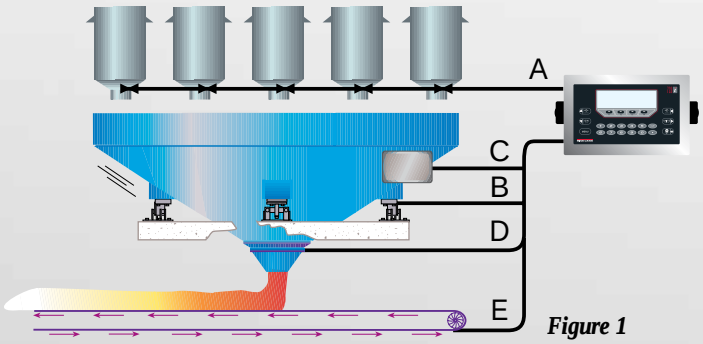
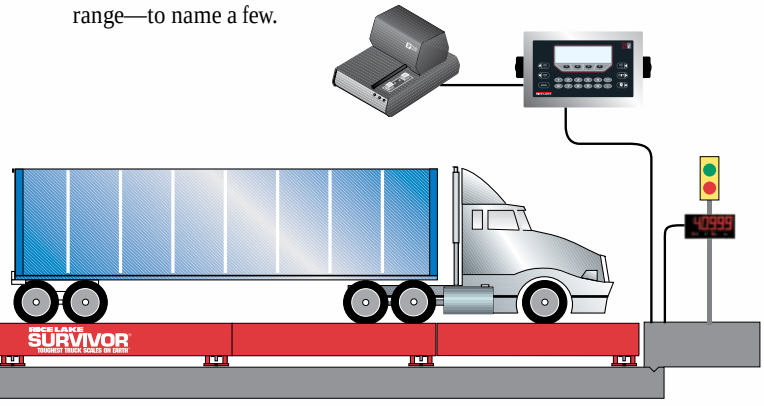


Figure 1

With ATM the 720i can also provide a range of useful reports, whether by shift, by customer, material, or summary of a day or an entire date range—to name a few.



ProAction
The Power to do More

To make full use of 720i's functionality and power, the ProAction programming tool can be installed. This software speaks to your 720i like no other program can. ProAction takes the standard batch engine one step further by removing the constraints of sequential control, adding data collection, and giving your 720i the flexibility to perform more operations simultaneously. Create programs to prompt your operator through a process, store formulas, or even collect weight data and generate reports.

Take your process to the next level and customize your indicator to its highest potential. ProAction is ready. This incredible programming function is available for use with every 720i.