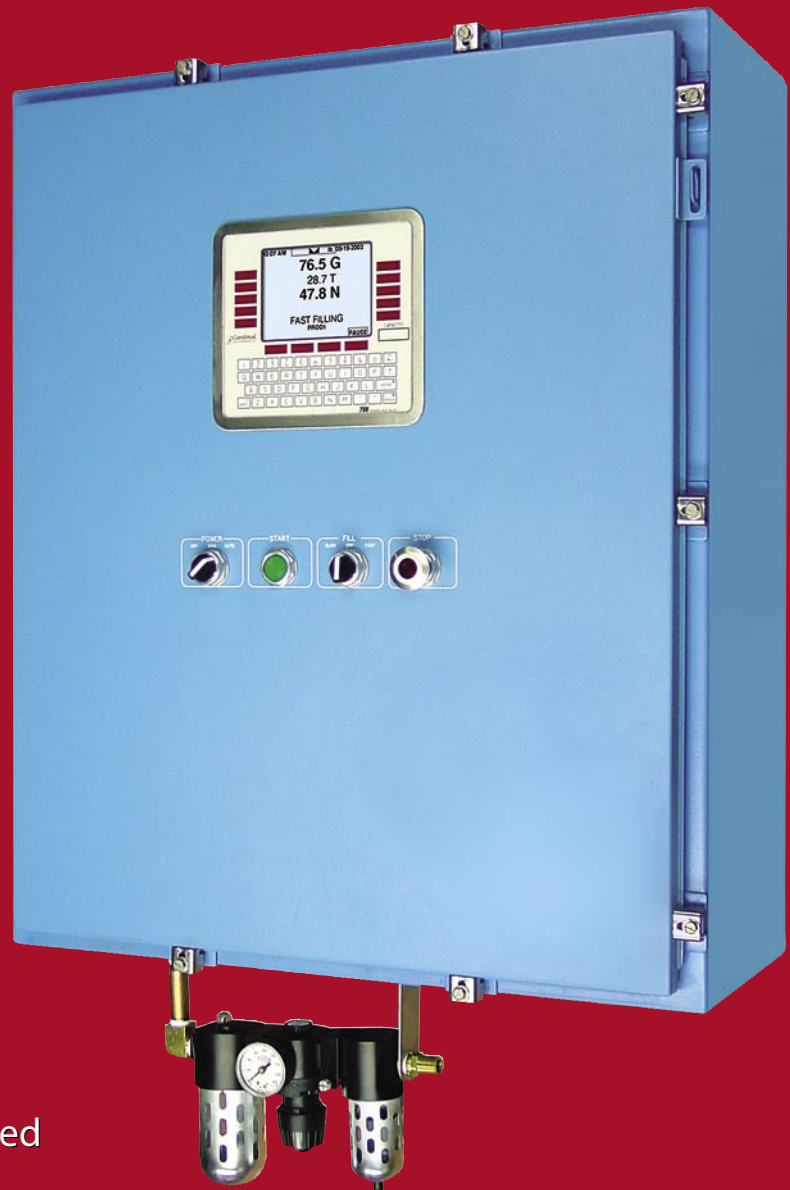


Model FWC-788 Drum Filler Controller

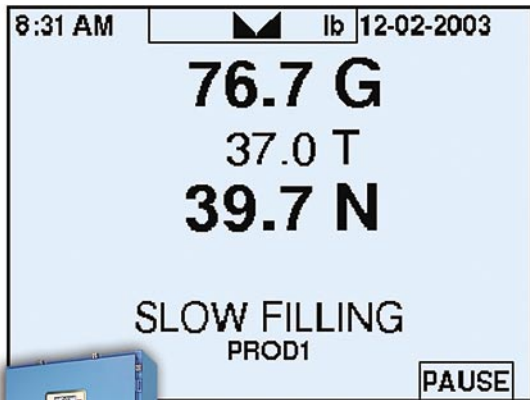
Two speed net weight
filling control for top fill
or subsurface fill drum
fillers

**Fast and Accurate
Control for
Semi-Automatic
Drum Filling Systems**

Full Manual Control Included



Model FWC-788 Drum Filler Controller



Sequence of Operation (Subsurface System)

- Operator selects automatic position on controller
- Operator places an empty drum onto scale
- Operator presses start button
- Empty drum tolerance is checked
- Scale tares to zero
- Lance lowers into drum
(if lance hits the top of the drum and the crash weight is exceeded, the lance raises and ERROR is shown on the display - to try again, the operator presses RESET and then START)
- The foot valve opens when the lance reaches the bottom of the drum
- Fill starts at slow fill
- Fill switches to fast fill when the "fast fill weight" is reached
- The lance starts to raise when the "track weight" is exceeded
- Fill switches to slow fill at the "dribble point"
- At set point, the foot valve closes
- Fill tolerance is checked, and if under weight, additional product is added
- Lance raises to the top position
- Drum weight is printed (if enabled)
- Drum is removed

The Model FWC-788 Controller offers full electronic control for the standard Fuller filling units. The controller utilizes a Cardinal 788 instrument enclosed in a NEMA-4, painted enclosure with a pneumatic interface for operating the lance assemblies. The FWC-788 offers multiple product filling for either foaming or non-foaming products with many features and safety interlocks included.

FWC-788 Standard Controller Features:

- NEMA-4 mild steel enclosure 36" H x 30" W x 12" D (91 cm x 76 cm x 30 cm)
- Full size industrial operators for ease of operation
- Automatic tare
- Two speed net weight filling
- Empty drum tolerance checking
- Filled drum tolerance checking
- Error alarms for incorrect weight, crash error, and mid limit not found
- Drum weight printing - Printing function includes all port assignments, printer choices, and tabbing capabilities included in the standard 788 ID storage software
- Multiple products memories

788 Specifications:

Display:

Large (4.6" W x 3.4" H / 117 mm W x 86 mm H - 320 x 240 resolution) backlit LCD graphic display

Keyboard:

43 key alphanumeric keyboard - 101 PC keyboard interface

Internal Resolution:

400,000 divisions

Display Resolution:

10,000 divisions (commercial)

100,000 divisions maximum (non-commercial)

Character Height:

Selectable character sizes from .25" to 1.2" (6 mm to 30 mm)

Divisions Value:

1 to 9 x 10, 1, 0.1, 0.01, 0.001, 0.0001

Sample Rate:

1 to 60 samples per second, selectable

Auto Zero Range:

0, 0.5, or 1 through 9 divisions

Excitation:

10.75 VDC



Cardinal Scale reserves the right to improve, enhance or modify features and specifications without prior notice.

Sold By:

