



# CARDINAL®

## CARDINAL MODEL 210FE

### DIGITAL WEIGHT INDICATOR

WASHDOWN



Think of Cardinal's new 210FE indicator as the reliable model 210 on steroids! All the same great features, but super-sized for convenience: remote controllability, dual serial ports, flexible print formats, powers 8 load cells, numeric keypad, auto shutoff, and selectable key lockout all in a 15-inch-wide by 9.7-inch-high stainless steel enclosure with 2.24-inch-high LED digits and larger key sizes.

**TRUCK SCALES | FLOOR SCALES | FILLING OPERATIONS**  
Ideal anywhere weight needs to be viewed from a distance.



Model 210 Indicator

Model 210FE Indicator



## MODEL 210FE DIGITAL WEIGHT INDICATOR

### 210FE FEATURES

- Push button tare function
- Gross, tare, net conversion
- Selectable key lockout
- Hi-Resolution mode
- Adjustable filtering
- Gross and Net accumulators
- Dual serial ports
- Remote input lines for Zero, Tare, Gross and Print (1,000 feet maximum)
- Programmable print format using Visual Print or nControl (2 Visual Tickets available)
- SMA level 2 compliant serial communications
- Field re-programmable via PC interconnection
- Test feature (performs display and internal tests)
- Auto Shutoff and Sleep modes
- Numeric keypad
- Keypad tare function
- Count feature with accumulator
- Time and Date with selectable 12 or 24 hour operation
- Checkweigher
- Three preset weight comparators
- Axle weigher (CWL-40) operation mode

#### Optional Features

- Analog output
- 10/100 Mbps Ethernet TCP/IP
- Checkweigher light bar
- Fiber optic port (glass or plastic)
- Column mounting
- Industrial Ethernet/IP
- Allen-Bradley® interface
- Additional serial port
- Panel mount kit
- Special filtering
- Internal relay box
- External relay box

**The 210FE is Ideal for Warehouses and Material Handling**



Highly visible by fork truck drivers when loading over a scale. Add a remote wireless input device and TARE, PRINT or ZERO directly from the driver's seat. You will easily "see" the 210FE as the digital indicator to have in every scale location in your facility.

**The 210FE is Ideal for Truck Scales**



For applications requiring an economical way for drivers to see weight at the scale house, position the 210FE close to the window of the scale house for high visibility, or even mount it outside. The enclosure is made of rugged stainless steel for outdoor usage.

### 210FE SPECIFICATIONS

<b>Display</b>	• 6-digit, 7-segment, 2.5"/64mm high LED display • 2.24"/57mm high LED digits • 3-digit, 16-segment, 0.8"/20mm high annunciators • 10-level brightness control
<b>Shipping Weight</b>	17 lb / 8 kg
<b>Enclosure</b>	9.7" H x 15" W x 3.1" D 246mm H x 381mm W x 79mm D
<b>Keyboard</b>	Color-coded membrane type, 22 keys
<b>Units</b>	Tons, Pounds, Ounces, Metric Tons, Kilograms, Grams
<b>Division Value</b>	1, 2, or 5 x 10, 1, 0.1, 0.01, 0.001 commercial 0 to 99 non-commercial
<b>Sample Rate</b>	1 to 100 samples per second, selectable
<b>Auto Zero Range</b>	0.5 or 1 to 9 graduations
<b>Load Cells</b>	8 each, 350 ohm minimum resistance
<b>Load Cell Cable Length</b>	1,500 feet maximum. <i>Consult factory for other requirements.</i> 30 feet maximum without sense lines.
<b>Excitation</b>	12 VDC
<b>Signal Input Range</b>	1.0 mV min. to 40 mV max. (with dead load boost)
<b>Sensitivity</b>	<b>CANADA</b> 0.3uV/e (Class III/IIHD) <b>OIML</b> 0.7uV/e (Class III) <b>NON-COMMERCIAL</b> 0.15uV/e
<b>Scale Divisions</b>	<b>CANADA</b> 100 to 10,000 (Class III/IIHD) <b>OIML</b> 100 to 10,000 (Class III) <b>NON-COMMERCIAL</b> 100 to 240,000
<b>Internal Resolution</b>	1 part in 16,777,216
<b>Tare Capacity</b>	Scale capacity
<b>Power</b>	90 to 264 VAC (50/60 Hz) at 0.4A
<b>Temp. Range</b>	-10° to +40° C / +14° to +104° F
<b>I/O</b>	1 bidirectional RS232 (20mA) 1 output only RS232 (20mA)

### CERTIFICATIONS



NOTICE OF APPROVAL PENDING



Cardinal Scale reserves the right to improve, enhance, or modify features and specifications without prior notice. Allen-Bradley® is a registered trademark of Rockwell Automation.



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**Sold By:**