200
SERIES

DIGITAL WEIGHT INDICATORS

Choose From a Variety of Connectivity Options

VERSATILE
Flexible Print Formats
Multiple Weight Units

POWERFUL
Power 8 Load Cells
Dual Serial Ports

RUGGED
NEMA 4X/IP66
Washdown Enclosure

MODELS 205 & 210

MODELS 205 & 210

Rugged versatility makes Cardinal's 200 Series weight indicators perfect for a wide range of weighing applications; whether it's a simple bench scale, a heavy-duty floor scale, or even a motor truck scale.
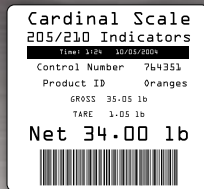
The latest flash technology is employed which allows the indicator's program to be updated on-site. Dual serial ports provide easy connectivity to a remote display, label printer, ticket printer, or PC. Input control lines for remote activation of zero, tare, gross, and print functions give you more control over placement and operation of the indicator. Additionally, Cardinal programmers can custom design applications to fit your specific function.

Kilograms, pounds, tons plus four other weight units, along with a power supply that can operate from 90 to 260 VAC give you extreme versatility. The easy-to-view display, with bright red LED segments, displays weight to six digits.

Print tab settings make it easy to setup a ticket with the information you need to print. With Cardinal's powerful nControl software you can create two additional custom print formats for truck tickets, weight receipts, and even bar coded labels to your specifications.

The 205 and 210's stainless steel NEMA 4X/IP66 enclosure ensures accurate, reliable operation in harsh environments and washdown applications.

WASHDOWN

```
     Cardinal Scale
    205/210 Indicators
      Time: 1:24  10/05/2004
   Control Number    764351
   Product ID       Oranges
            GROSS  35.05 lb
            TARE    1.05 lb
   Net 34.00 lb
```

CONNECTIVITY OPTIONS

Internal Module Options
• Ethernet..
• Allen Bradley®
• DeviceNet™
• Additional RS232
• Serial to Fiber Glass Converter (300' to 5,000')
• Serial to Fiber Plastic Converter (30' to 300')

External Module Options
• Profibus®
• Wireless 802.11

FEATURES

Model 205
• Auto shutoff and sleep modes
• Push button tare
• Gross, tare, net conversion
• Accumulator, gross, and net
• Adjustable filtering
• Selectable key lockout
• Two serial ports
• Four input lines

Model 210
All the features of the 205 plus:
• Numeric keypad
• Keypad tare
• Piece count
• Checkweighing
• Three preset weight comparators
• Time/date - 12 or 24 hour formats

Model 205/210 Options
• Checkweigher light bar for 210 only
• Analog output (0-10 volt, 4-20mA)

Optional Checkweigher Light Bar for Model 210

SPECIFICATIONS

Display	6-digit, 7-segment LED, 14mm/0.6" high
Annunciators	
Model 205	Zero, stable, tare, gross, net, lb, oz, kg, g, t, T, lo bat
Model 210	All the above plus PWC1/under, PWC2/accept, PWC3/over
Enclosure	NEMA 4X/IP66 - 9"W x 7"H x 2.75" D
	229mm W x 178mm H x 70mm D
Keyboard	
Model 205	7 keys
Model 210	22 keys
Units	Pounds, pounds/ounces, ounces, tons, kilograms, grams, metric tons, custom
Division Value	1 to 99 x 10, 1, 0.1, 0.01, 0.001
Sample Rate	1 to 100 samples per second, selectable
Auto Zero Range	0.5 or 1 to 9 graduations
Load Cells	8 each, 350 ohm minimum resistance
Excitation	12 VDC - AC power, 8 VDC - battery power
Sensitivity	NTEP 0.3uV/e (Class III/IIIL)
	CANADA 0.3uV/e (Class III/IIIHD)
	OIML 0.7uV/e (Class III)
	NON-COMMERCIAL 0.15uV/e
Resolution	NTEP 100 to 10,000 (Class III/IIIL)
	CANADA 100 to 10,000 (Class III/IIIHD)
	OIML 100 to 10,000 (Class III)
	NON-COMMERCIAL 100 TO 240,000
Power	90 to 260 VAC, 50 or 60 Hz
Temp. Range	-10° to +40° C / +14° to +104° F
I/O	1 bidirectional RS232 (20mA)
	1 output only RS232 (20mA)

CERTIFICATIONS

The Model 205 and 210 Indicating Elements meet or exceed Class III/IIIL, 10,000 division accuracy requirements in accordance with the NIST Handbook 44. A Certificate of Conformance Number **01-011**, was issued under the National Type Evaluation Program (NTEP) of the National Conference on Weights and Measures.

LEGAL FOR TRADE

OIML 1992-DK-01.02

MEASUREMENT CANADA NOTICE OF APPROVAL NO. AM-5397

CE

Australian NSC Approval

Cardinal®

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