



200 SERIES



RUGGED
NEMA 4X/IP66
Washdown Enclosure



POWERFUL
Power 8 Load Cells
Dual Serial Ports



VERSATILE
Battery Operable
Flexible Print Formats
Multiple Weight Units

MODELS 205 & 210

DIGITAL WEIGHT INDICATORS

Bulletin No. 264A

200 SERIES DIGITAL WEIGHT INDICATORS



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.

Model 210

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, acquire tare, gross, and print functions give you more control over placement and operation of indicator.

Kilograms, pounds, tons plus four other weight units, along with a power supply that can operate from 90 to 260 VAC, make the 200 Series indicators for the world.

The optional battery allows the indicator to be used anywhere, or to keep you weighing even during power outages. The 200 Series uses readily available camcorder batteries and features an internal charger.



Features

Model 205

- Push button tare
- Gross, tare, net conversion
- Accumulator, gross, and net
- Adjustable filtering
- Selectable key lockout
- Auto shutoff and sleep modes
- 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

- Analog output (0-10 volt, 4-20mA)
- Battery CAM-350 type (12 volt, 200 mAh)



These indicators meet all requirements of Handbook 44, issued by the National Institute of Standards and Technology and have been issued the Certificate of Conformance number 01-011.

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

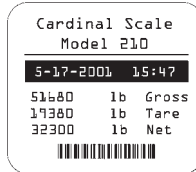


The stainless steel NEMA 4X/IP66 enclosure ensures accurate, reliable operation in harsh environments and washdown applications. The easy-to-view display, with bright red LED segments, displays weight to six digits.



Model 205

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



Specifications

Display Announcers

Model 205:

6-digit, 7-segment LED, 14mm/0.6" high

Zero, stable, tare, gross, net, lb, oz, kg, g, t, T, lo bat

Model 210:

All of the above plus PWC1/under, PWC2/accept, PWC3/over

Enclosure

NEMA 4X/IP66 - 9" W x 7" H x 2.75" D

Keyboard

Model 205:

229mm W x 178mm H x 70mm D

Model 210:

Color coded membrane

7 keys

Units

22 keys

Pounds, pounds/ounces, ounces, tons, kilograms, grams, metric tons

Division Value

1 to 99 x 10, 1, 0.1, 0.01, 0.001

Sample Rate

1 to 50 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 .03uV/e (Class III/IIIL)

CANADA .03uV/e (Class III/IIHHD)

OIML .07uV/e (Class III)

Resolution

NON-COMMERCIAL 100 TO 240,000

NTEP 100 to 10,000 (Class III/IIIL)

CANADA 100 to 10,000 (Class III/IIHHD)

OIML 100 to 10,000 (Class III)

Power

90 to 260 VAC, 50 or 60 Hz

Temperature Range

-10° to +40° C / +14° to +104° F

I/O

1 bidirectional RS232 (20mA)

1 output only RS232 (20mA)



NOTICE OF APPROVAL NO. AM-5397



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