



MODEL 185 RIVAL

WEIGHT INDICATOR

- High-quality, economical durable weight indicator
- Bright-green backlit LCD for easy viewing
- Available with rechargeable battery power
- Washdown IP66-rated for harsh environments
- Available in two models (185 and 185B)



RIVAL

WEIGHT INDICATOR



ECONOMICAL DIGITAL WEIGHT INDICATORS



**WATERPROOF
IP66-RATED ABS
ENCLOSURE FOR
WASHDOWN
ENVIRONMENTS**

Applications:

- Ideal for bench scales used in commercial foodservice and general weighing applications
- High visibility for warehouse and distribution facility floor scales
- Recycling and outdoor materials weighing
- Industrial vessel weighing where high visibility is beneficial
- NTEP, Measurement Canada, and OIML approved



Features:

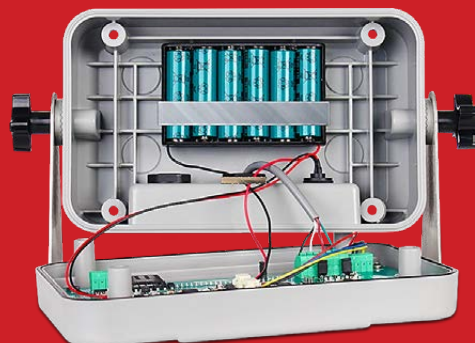
- Bold 1-inch/25-mm high backlit LCD
- Attractive molded ABS enclosure built for durability in harsh indoor or outdoor applications
- Stainless steel mounting bracket included
- lb, oz, kg, and g weighing units
- Ability to drive up to four 350Ω load cells
- 6,000 divisions NTEP certified and Measurement Canada approved legal-for-trade weighing resolution
- Built-in, bi-directional RS232 port for printing or connection to PC
- Battery level indicator on model 185B
- Piece counting mode
- Easy-to-manage, 4-screw, 2-piece enclosure
- Simple 7 button operation
- Internal audit trail for NTEP and OIML requirements
- Country of Origin: USA



**ECONOMICAL
PRICE
COMBINED
WITH HIGH-QUALITY
DURABILITY
FOR INDUSTRIAL
WEIGHING APPLICATIONS**

REMOTE DISPLAY USE

Remote display feature for long-range viewing when connected to another weight display. The 1-in/25-mm high bold green LCD is visible from a distance.



RECHARGEABLE BATTERY POWER AVAILABLE

The model 185B is powered by six standard, off-the-shelf AA Alkaline or rechargeable Ni-Cad or NiMH batteries. Internal battery circuitry automatically detects the battery type for charging.



WATERPROOF GLAND CONNECTORS

RS232 serial output for connectivity with a PC or printer. The watertight power connector meets washdown requirements.



ROTATIONAL DISPLAY POSITIONING

The 185's anti-slip mounting bracket includes rotational lock-in set points adjustable in discrete 15° increments for exact positioning of the display right where you want it.



VERSATILE MOUNTING BRACKET INCLUDED

The 185 and 185B indicators come with a versatile stainless steel swivel mounting bracket for desktop or wall mount.



CARDINAL®

RIVAL

WEIGHT INDICATOR



185 185B



LEGAL FOR TRADE

Certificate No. 18-075



MEASUREMENT CANADA
Approval Number
AM-6109



Cert. No.
R-76/2006-A-DK2-18.04

EU Type-Examination:
Certificate No.
0200-NAWI-03187



	185	185B
Power Requirements	100 to 240 VAC 50/60Hz 12 VDC 1 A wall plug-in UL/CSA listed AC power adapter (Cardinal part number 8400-0182-0A)	Six "AA" Alkaline, Ni-Cad or NiMH batteries (not included) OR 100 to 240 VAC 50/60Hz 12 VDC 1 A wall plug-in UL/CSA listed AC power adapter (Cardinal part number 8400-0182-0A)
Construction	IP66-rated ABS indicator enclosure with versatile stainless steel wall or desktop mounting bracket	
Operating Environment	Temperature: 14 to 104 °F (-10 to +40 °C) Humidity: 90% non-condensing (maximum)	
Weight Display	Six-digit, seven-segment, 1.0 in (25 mm) high, backlit green LCD	
Battery Life	70-hour typical operation with full charge	
Load Cell Excitation	5.0 VDC	
Signal Input Range	0mV min. to 40mV max.	
Number of Load Cells	Up to 4 at 350 Ohm minimum resistance	
Load Cell Cable Length	1500 feet (450 meters) maximum with sense lines 30 feet (9 meters) maximum without sense lines	
Division Value	1, 2 or 5 x 10, 1, 0.1, 0.01, 0.001	
Sensitivity: NON-COMMERCIAL NTEP OIML	0.4uV/e 1.2uV/e (Class III/IIIL) 1.2uV/e (Class 3)	
Scale Divisions: NON-COMMERCIAL NTEP OIML	100 to 100,000 100 to 6,000 (Class III/IIIL) 100 to 6,000 (Class 3)	
Internal Resolution	1 part in 16,777,216	
Tare Capacity	Scale capacity	
Sample Rate	10 samples per second	
Auto Zero Range	0.5 or 1 through 9 divisions	
Weighing Units	Pounds (lb), Ounces (oz), Kilograms (kg), Grams (g)	
Keypad	7-key Membrane type	
Keys	ON/OFF, ZERO, TARE/←, NET/GROSS, UNITS/↵, FN/▲	
Standard I/O	(1) bi-directional RS-232 port	
Standard Features	Piece Counting, Millivolt Display Diagnostic Function	
Enclosure Dimensions:	7.7 in W x 4.7 in H x 2.6 in D (19.6 cm W x 11.9 cm H x 6.6 cm D)	
Net Weight	2.3 lb (0.95 kg)	2.5 lb (1.04 kg)
Shipping Dimensions	13 in L x 11 in W x 8 in H (33 cm L x 28 cm W x 20.3 cm H)	
Shipping Weight	3.2 lb (1.45 kg)	3.4 lb (1.54 kg)
Country of Origin	USA	

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



CARDINAL

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