



# CASTON III

## HIGH CAPACITY CRANE SCALE

### *applications*

- Foundry Weighing
- Material Strength Pull Testing
- In-Process Weighing
- Incoming Raw Materials Weighing
- General Purpose Weighing

### *features*

- 10,000 to 40,000 lbs. Capacities
- Hi-Visibility 1.5" Red LED Display
- Battery Operated (Rechargeable)
- Spare Battery/Charger Included
- 0.1 Accuracy Class
- Wireless Remote Control Included
- Integral Lifting Eye/Hook Assembly
- Robust Cast Housing
- IP67 Environmental Sealing
- One Year Warranty

SENTRAN, LLC  
California Commerce Center  
4355 Lowell Street  
Ontario, CA 91761-2225

Toll Free: 1(888) 545-8988  
Phone: 1(909) 605-1544  
Fax: 1(909) 605-6305  
Email: [mail@sentranllc.com](mailto:mail@sentranllc.com)  
URL: [www.sentranllc.com](http://www.sentranllc.com)



The Caston III Heavy Duty Industrial Crane Scale

- Sealed Keypad Functions Include: ZERO, TARE, PEAK HOLD & ON/OFF
- Easy Access Battery Pack Via Quick Release Back Panel Clasps

The Caston III<sup>®</sup> Series is a compact, high performance, HIGH capacity industrial crane scale housed in a painted, cast enclosure and sealed to IP67. The Caston III<sup>®</sup> Series is designed to accurately measure loads in capacities ranging from 10,000 lbs. Full Scale Capacity to 40,000 lbs. Full Scale Capacity. Integral loading hook (5THD) and/or lifting eyes make installation and start-up quick and simple. The unique wireless remote system gives the operator complete freedom of movement during operation, and the large 1.5" high red LED display digits make reading weight data easy at a distance. The rechargeable battery is supplemented by a spare battery pack and a charging unit to make certain there is never any scale downtime for lack of power. A Low Battery annunciator is provided. Lightweight, portable and accurate, the Caston III<sup>®</sup> Series is an excellent choice for your industrial weighing needs.

*Innovative Measurement Solutions*





MODEL	5THD	10THD	15THD	20THD		
RATED CAPACITY (LBS)	10,000	20,000	30,000	40,000		
DISPLAY RESOLUTION LBS. (KG)	10,000 X 5 (5,000 X 2)	20,000 X 10 (10,000 X 5)	30,000 X 20 (15,000 X 10)	40,000 X 20 (20,000 X 10)		
ACCURACY	±0.1% OF RATED CAPACITY					
MAXIMUM TARE	RATED CAPACITY					
DISPLAY	1.5" RED LED; 5-DIGIT; LB UNITS					
ANNUNCIATORS	LOW BATTERY, ON, OFF, ZERO, TARE, HOLD					
KEYPAD	ON, OFF, ZERO, TARE, HOLD					
SCALE POWER	6 VDC; RECHARGEABLE BATTERY; UP 50 HOURS CONTINUOUS USE (LOAD CELL ONLY. 25 HOURS W/ INDICATOR); DATA RETAINED					
CHARGER	120 VAC/60 HZ OPERATION; FULL RECHARGE IN 3 HOURS					
POWER USAGE	1.2 WATT					
TRANSMIT RANGE (approximate)	AT LEAST 50 YARDS (50M) IN NORMAL OPERATING CONDITIONS					
WIRELESS/RF (approximate)	LINE-OF-SIGHT: 300 FT OUTDOOR, 150 FT INDOOR; NOT LINE-OF-SIGHT: 75 FT OUTDOOR; FREQUENCY: 433.92 MHZ					
RADIO	FREQUENCY MODULATION (FM); ERROR DETECTION; HIGH TELEMETRY RELIABILITY					
LOAD CELL	HIGH STRENGTH AIRCRAFT QUALITY ALLOY STEEL; INTEGRAL HOOK (5THD ONLY) AND LIFTING EYE(S)					
TEMPERATURE RANGE	14°F TO 140°F (-10°C TO 60°C)					
ENCLOSURE	ROBUST CAST ALUMINUM HOUSING; EPOXY PAINTED (SAFETY YELLOW)					
ENVIRONMENTAL	WEATHERPROOF; NEMA 4; IP67					
WARRANTY	ONE YEAR; LIMITED					
DIMENSIONS: (approximate)	OVERALL HEIGHT	OVERALL WIDTH	OVERALL DEPTH	LIFTING EYE I.D.	EYE TO EYE (MAX.)	WEIGHT LB (KG)
5THD	24.8 (630)	11.0 (280)	13.1 (334)	2.25 (57)	20.1 (512)	68.3 (31)
10THD	37.2 (945)	11.0 (280)	13.1 (334)	3.27 (83)	25.3 (642)	75 (34)
15THD	44.5 (1130)	11.0 (280)	13.1 (334)	3.89 (99)	28.2 (716)	76.3 (34.6)
20THD	54.3 (1379)	11.0 (280)	13.1 (334)	4.96 (126)	31.1 (793)	77.4 (35.1)

## other crane scale products

### CASTON II LOW CAPACITY CRANE SCALE

The Caston II Low Range Crane Scale is available in 1,000 lbs./2,000 lbs./5,000 lbs. rated capacities. Wireless Remote Control and rechargeable battery operation are standard features with this robust, versatile crane scale. Plus, the integral loading clevis and shackle make installation and transport quick and simple.



### CASTON IV LOW TO MEDIUM CAPACITY CRANE SCALE

The Caston IV Low to Medium Range Crane Scale is available in 1,000 lbs./2,000 lbs./5,000 lbs./10,000 lbs. rated capacities. Wireless Remote Control and rechargeable battery operation are standard features with this robust, versatile crane scale. Plus, the integral loading clevis and shackle make installation and transport quick and simple.



100%  
CUSTOMER  
SATISFACTION  
GUARANTEED