

## CS™ Series, 200/750/1500/3000 Crane Scales, Intercomp



CS3000

CS200

### PART # DESCRIPTION

#### CS200 (battery included):

- 43734 ..... CS200, 25 lb
- 43735 ..... CS200, 50 lb (25 kg)
- 43736 ..... CS200, 100 lb (50 kg)
- 43737 ..... CS200, 250 lb (125 kg)

#### CS750 (batteries not included):

- 43643 ..... CS750, 100 lb (50 kg)
- 43644 ..... CS750, 300 lb (150 kg), NTEP certified
- 43645 ..... CS750, 500 lb (250 kg), NTEP certified
- 43646 ..... CS750, 1000 lb (500 kg), NTEP certified

#### CS1500 (batteries not included):

- 43647 ..... CS1500, 1000 lb (500 kg), NTEP certified
- 43648 ..... CS1500, 2000 lb (1000 kg), NTEP certified
- 43649 ..... CS1500, 5000 lb (2500 kg), NTEP certified
- 43650 ..... CS1500, 10,000 lb (5000 kg), NTEP certified
- 43651 ..... CS1500, 20,000 lb (10,000 kg), NTEP certified

#### CS3000 (batteries not included):

- 43652 ..... CS3000, 5000 lb (2500 kg), NTEP certified
- 43653 ..... CS3000, 10,000 lb (5000 kg), NTEP certified
- 43654 ..... CS3000, 20,000 lb (10,000 kg), NTEP certified
- 43655 ..... CS3000, 30,000 lb (15,000 kg), NTEP certified
- 43656 ..... CS3000, 50,000 lb (25,000 kg), NTEP certified
- 43657 ..... CS3000, 70,000 lb (35,000 kg), NTEP certified
- 43658 ..... CS3000, 100,000 lb (50,000 kg)

Featuring a high-resolution 20-bit A/D converter, the Intercomp CS200/750/1500/3000 crane scales provide accuracies of  $\pm 0.1\%$  of the applied load. The unique design allows you to choose the model and weighing capacity you need, from 25 lb to 100,000 lb.

Digital calibration and a simple keypad allow easy operation. The weatherproof aluminum case protects all electronics from moisture and dust. A highly-visible display and recessed push-button switches allow simple, trouble-free operation.

### Applications

- Overhead industrial weighing

### Standard Features

#### All CS Models:

- Ultra-high resolution, 20-bit A/D converter
- Keypad setup
- Digital calibration
- Auto shut-off

#### CS750:

- Shock-mounted in weatherproof extruded aluminum case.
- 1" LCD digital readout
- Membrane push-button switch
- Powered by 6 "D" cell batteries

#### CS1500:

- NEMA 4X cast aluminum case
- 0.8" LED digital readout
- Recessed push-button switch
- Powered by 8 "D" cell batteries

#### CS3000:

- NEMA 4X cast aluminum case
- 1" LCD digital readout
- Display automatically adjusts to lighting conditions
- Recessed push-button switch
- Powered by 8 "D" cell batteries

### Options/Accessories

- 43939 ..... RS-232 serial output (CS750, CS1500)
- 43940 ..... Battery pack and external charger, 120 VAC (CS750, CS1500)
- 43941 ..... Battery pack and external charger, 230 VAC (CS750, CS1500)
- 43943 ..... Anti-heat shield (CS3000)
- 43944 ..... Anti-magnetic shield (C3000)

**NOTE:** Part numbers 43943 and 43944 must be installed at time of order to get list price. To add options at a later time, please contact RLWS for additional pricing and lead time.



CS750

CS1500

**All CS Models:**

**FILTERING:**  
6 pole, 10 hertz low pass

**AUTO SHUT-OFF:**  
Low battery, or after 5 minutes without use

**SPEED:**  
3 seconds to typical reading

**ACCURACY:**  
±0.1% of reading

**HUMIDITY:**  
10 to 95% non-condensing

**TEMPERATURE:**  
Operating -4°F to 140°F (-20°C to 60°C)

**NOMINAL OVERLOAD:**  
200% of capacity

**MAXIMUM OVERLOAD:**  
500% of capacity

**WARRANTY:**  
One year limited warranty

**CS200:**

**RESOLUTION:**  
12 bit A/D delivers over 1,000,000 internal counts

**GENERAL:**  
Zero, On, Off, lb

**DISPLAY:**  
.5" (12mm) 5-digit LCD

**BATTERY LIFE:**  
1 year normal use

**BATTERIES:**  
1 9V disposable alkaline dry cells (or rechargeable nickel-cadmium cells, not included)

**DIMENSIONS:**  
3.75" W x 2" D x 6" H (94mm W x 50mm D x 150mm H)

**ENCLOSURE:**  
Weatherproof ABS plastic case

**EST. SHIP WEIGHT:**  
2.2 lb (1 kg)

**CS200 CAPACITIES**

CAPACITY	GRADUATION
25 lb	.01 lb
50 lb	.02 lb
100 lb	.05 lb
250 lb	0.1 lb
500 lb	0.2 lb

**CS750:**

**RESOLUTION:**  
20 bit A/D delivers over 1,000,000 internal counts

**GENERAL:**  
Zero, On, Off, Backlight

**DISPLAY:**  
1" (25mm) 5-digit LCD

**INDICATORS:**  
lb/kg

**BATTERY LIFE:**  
1 year normal use

**ENCLOSURE:**  
Weatherproof extruded aluminum case

**APPROVALS:**  
NTEP-certified per H-44, Class III, 3000d: Class III, 5000d, CC# 97-135A1

**EST. SHIP WEIGHT:**  
8.5 lb (4 kg)

**CS750 CAPACITIES**

**BATTERIES:**  
(Batteries are not included) 6 "D" size disposable alkaline dry cells or rechargeable nickel-cadmium cells

CAPACITY	GRADUATION
25 lb	.01 lb
50 lb	.02 lb
100 lb	.05 lb
250 lb	0.1 lb
500 lb	0.2 lb
1000 lb	0.5 lb

**DIMENSIONS:**  
Control box: 8.5" L x 5" W x 4.25" H (216mm L x 127mm W x 108mm H)  
Lifting eye to hook: 9.5" (241mm)

**CS3000:**

**RESOLUTION:**  
20 bit A/D delivers over 1,000,000 internal counts

**GENERAL:**  
Zero, lb/kg, Tare Set/Display, Tare Clear, On, Off

**DISPLAY:**  
1" (25mm) 5-digit liquid crystal (LCD)

**INDICATORS:**  
lb/kg and Net

**BATTERY LIFE:**  
Up to 400 hours continuous use

**BATTERIES:**  
(Batteries are not included) 8 "D" size disposable alkaline dry cells or rechargeable nickel-cadmium cells

**TARE:**  
Up to 100% of capacity

**DIMENSIONS:**  
See table

**ENCLOSURE:**  
NEMA 4 cast aluminum case

**HOOK OR EYE:**  
Crosby-Laughlin or equivalent

**APPROVALS:**  
NTEP-certified per H-44, Class III, 3000d: Class III, 5000d, CC# 97-135A1

**CS3000 DIMENSIONS**

CAPACITY LB	GRADUATIONS	OVERALL HEIGHT	*	EST. SHIP WEIGHT
5000 lb	1 lb	22"	*	60 lb (27 kg)
10,000 lb	2 lb	22"	*	60 lb (27 kg)
20,000 lb	5 lb	31"	*	100 lb (45.5 kg)
30,000 lb	10 lb	31"	*	125 lb (57 kg)
50,000 lb <sup>†</sup>	10 lb	46.1"	17.0 lb	225 lb (102 kg)
70,000 lb <sup>†</sup>	20 lb	48.6"	17.0 lb	253 lb (115 kg)
100,000 lb <sup>†</sup>	20 lb	56"	18.0 lb	397 lb (180 kg)

\* Dimensions are top to bottom shackle, eye to eye on 25-50 to (12.5 - 25 metric ton) capacity models.

<sup>†</sup> Unit comes standard with top shackle and bottom swivel hook.

**CS1500:**

**RESOLUTION:**  
20 bit A/D delivers over 1,000,000 internal counts

**GENERAL:**  
Zero, lb/kg, On, Off

**DISPLAY:**  
0.8" (20mm) 5 1/2" LED

**INDICATORS:**  
lb/kg

**BATTERY LIFE:**  
Up to 100 hours continuous use

**DIMENSIONS:**  
See table

**ENCLOSURE:**  
NEMA 4 cast aluminum case

**HOOK OR EYE:**  
Crosby-Laughlin or equivalent

**APPROVALS:**  
NTEP-certified per H-44, Class III, 3000d: Class III, 5000d, CC# 97-135A1

**BATTERIES:**  
(Batteries are not included) 8 "D" size disposable alkaline dry cells or rechargeable nickel-cadmium cells

**CS1500 DIMENSIONS**

CAPACITY LB	GRADUATIONS	OVERALL HEIGHT	EST. SHIP WEIGHT
1000 lb	0.5 lb	12"	21.5 lb (10 kg)
2000 lb	1 lb	12"	21.5 lb (10 kg)
5000 lb	2 lb	17"	37.5 lb (17 kg)
10000 lb	5 lb	17"	37.5 lb (17 kg)
20000 lb	10 lb	17"	45 lb (20 kg)