

Chatillon®

CTR Series Digital Crane Scale System

Specification Sheet

SS-CTR-0410

April 2010

The CHATILLON® CTR Series digital crane scale system is a precision weighing solution for high capacity weighing. The CTR Series consists of a precision weighing sensor and a wireless remote controller/indicator. The CTR Series is available in three capacities from 6600 lbs to 66,000 lbs (3000 to 30,000 kg). All CTR Series have a measurement accuracy of better than 0.2% full scale. The system displays measured values in either pounds (lbs) or kilograms (kg) on its remote indicator/controller that can be up to 100 ft (30 m) away from the measuring head. The CTR Series is powered using rechargeable battery pack. The scale can display the peak weight with the manual hold key. You may add accessories and tare out their weight up to 100% of the scale's rated capacity. The remote indicator/controller lets you change units, clear measurements, zero and tare out weight.

The CTR Series scale is supplied with hanging loop, S-hook, remote indicator/controller, charger/adaptor with US, EU and UK plug adapter. The CTR Series is supplied with a Certificate of Conformance. An optionally available Certificate of Calibration with NIST is available.

Features

- Displays LB and Kg units of measure
- Rugged, Cast Aluminum Weighing Sensor
- Bright, Backlighted LCD Remote Indicator/Controller
- Wireless Remote Indicator can be located up to 100 ft (30 m) away from the measuring head
- Hold Weigh Capture
- 150% Safety Overload (500% Ultimate Overload)
- Rechargeable Battery
- 1 Year Warranty

Standard Accessories

Top Holding Loop
Bottom Swivel Hook (Permanently attached)
Battery Charger/Adapter
Remote Controller/Indicator
Certificate of Conformance
User Guide



Shown the CMA Remote Indicator



AMETEK® | **Chatillon®**
Precision Weighing

Ordering

CTR Series w/ Conformance Cert

Model	Capacity	Capacity
CTR-6K	6600 lb x 1 lb	3000 kg x 0.5 kg
CTR-11K	11,000 lb x 2 lb	5000 kg x 1 kg
CTR-22K	22,000 lb x 5 lb	10,000 kg x 2 kg
CTR-33K	33,000 lb x 10 lb	15,000 kg x 5 kg
CTR-44K	44,000 lb x 20 lb	20,000 kg x 10 kg
CTR-66K	66,000 lb x 20 lb	30,000 kg x 10 kg

Specifications - Weigh Sensor

Accuracy: Better than 0.2% of full scale

Safe Overload: 150% of rated capacity

Ultimate Overload: 500% of rated capacity

Display: None

Data Sampling Rate: 60Hz

Power: Rechargeable Battery

Continuous Operation: 70 hrs (typical)

Operating Temperature: 32° to 104°F (0° to 40°C)

Storage Temperature: -4° to 104°F (-20° to 40°C)

Relative Humidity: 0 to 85%

RoHS Compliant: Yes

WEEE Compliant: Yes

Specifications - Indicator

Enclosure: NEMA 3

Display: Backlighted, LCD

Display Update Rate: 15 Hz

Antenna: Integral

Antenna Range: 100 ft (30 m)

Frequency: 429-433MHz

Output Level: 10 mW

Battery Life: 30 hrs (estimated continuous)

Operating Temperature: 32° to 104°F (0° to 40°C)

Storage Temperature: -4° to 104°F (-20° to 40°C)

Relative Humidity: 0 to 85%

Connectors: 9-pin

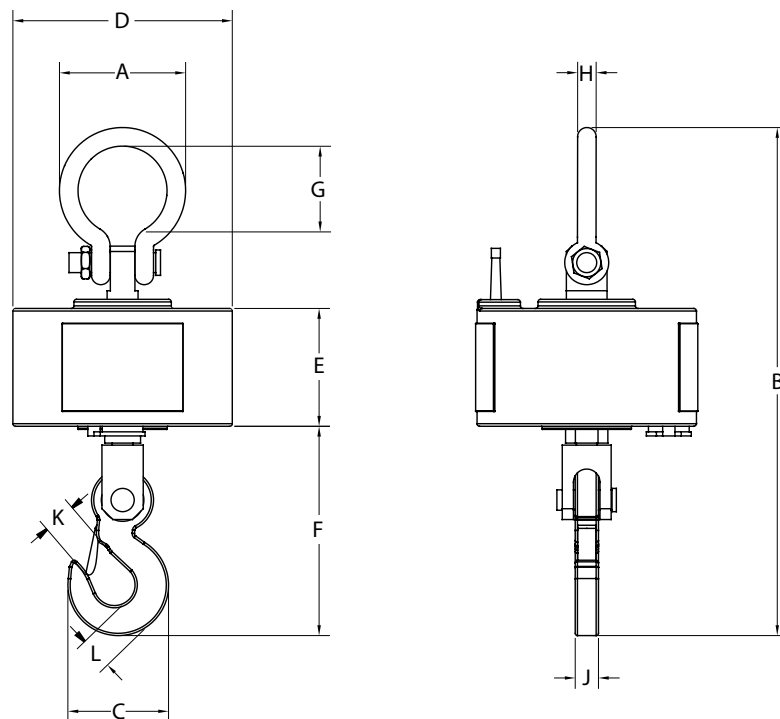
RoHS Compliant: Yes

WEEE Compliant: Yes

CTR Series w/ NIST Cert

Model	Capacity	Capacity
CTR-6K-N	6600 lb x 1 lb	3000 kg x 0.5 kg
CTR-11K-N	11,000 lb x 2 lb	5000 kg x 1 kg
CTR-22K-N	22,000 lb x 5 lb	10,000 kg x 2 kg
CTR-33K-N	33,000 lb x 10 lb	15,000 kg x 5 kg
CTR-44K-N	44,000 lb x 20 lb	20,000 kg x 10 kg
CTR-66K-N	66,000 lb x 20 lb	30,000 kg x 10 kg

Dimensions



Inches	Model	A	B	C	D	E	F	G	H	J	K	L	Instrument Weight	Shipping Weight
	CTR-6K	5.31"	25.60"	5.11"	11.00"	5.70"	10.70"	3.15"	0.94"	1.44"	1.58"	1.75"	66 lbs	72 lbs
	CTR-11K	5.12"	28.35"	5.98"	10.63"	5.83"	12.99"	2.76"	1.10"	1.44"	2.08"	2.17"	130 lbs	139 lbs
	CTR-22K	6.30"	33.86"	7.28"	10.63"	6.62"	16.14"	3.54"	1.38"	1.77"	2.52"	2.56"	170 lbs	190 lbs
	CTR-33K	6.69"	35.31"	7.28"	11.81"	5.55"	16.14"	5.31"	1.38"	1.38"	2.36"	2.76"	203 lbs	230 lbs
	CTR-44K	7.28"	38.74"	7.87"	11.81"	5.83"	16.14"	5.31"	1.57"	1.57"	2.87"	2.95"	207 lbs	236 lbs
	CTR-66K	7.87"	45.28"	9.06"	14.57"	8.66"	18.5"	5.71"	1.77"	1.77"	3.15"	2.95"	340 lbs	396 lbs

mm	Model	A	B	C	D	E	F	G	H	J	K	L	Instrument Weight	Shipping Weight
	CTR-6K	135	650	130	280	145	272	80	24	36	40	44	30 kg	33 kg
	CTR-11K	130	720	152	270	148	330	70	28	36	52	55	59 kg	63 kg
	CTR-22K	160	860	185	270	168	410	90	35	45	64	65	77 kg	86 kg
	CTR-33K	170	897	185	300	141	410	135	35	35	60	70	92 kg	104 kg
	CTR-44K	185	984	200	300	148	410	135	40	40	73	75	94 kg	107 kg
	CTR-66K	200	1150	230	370	220	470	145	45	45	80	75	155 kg	180 kg

Note: Weights are approximate.



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Manufacturer