



OPTIMA SCALE MANUFACTURING INC.

9030 BRIDGEPORT PLACE  
RANCHO CUCAMONGA, CA 91730  
800.360.9619 | SALES@OPTIMASCALE.COM

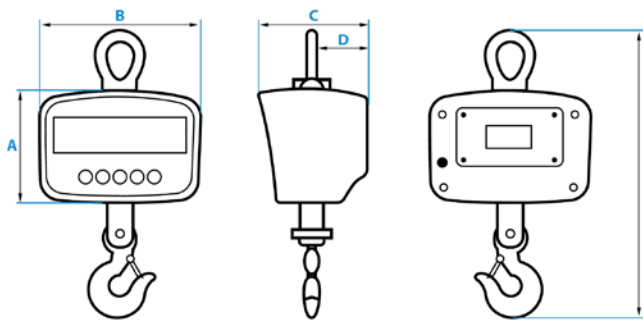
## OP-924 GENERAL PURPOSE HANGING SCALE



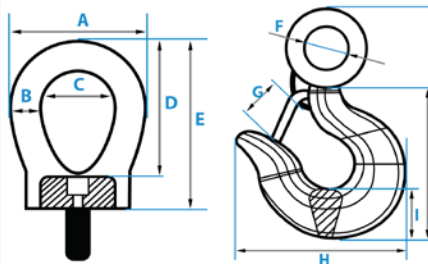
### FEATURES

- Economical, lightweight and hand held general purpose crane scale
- Features an easy to read, backlit LED or LCD display
- Measured values in either pounds (lb) or kilograms (kg)
- Powered using a rechargeable battery pack (up to 80 hours)
- The standard remote controller allows users to change units, clear measurements, zero and tare out weight
- Remote controller can capture peak weight at a distance of up to 100ft. (30m)

| PART#        | CAPACITY                      | WEIGHT | PART#        | CAPACITY                      | WEIGHT |
|--------------|-------------------------------|--------|--------------|-------------------------------|--------|
| LED DISPLAY  |                               |        | LCD DISPLAY  |                               |        |
| OP-924A-500  | 500 lbs x 0.1 lbs / 250 kgs   | 12 lbs | OP-924B-500  | 500 lbs x 0.1 lbs / 250 kgs   | 12 lbs |
| OP-924A-1000 | 1000 lbs x 0.2 lbs / 500 kgs  | 12 lbs | OP-924B-1000 | 1000 lbs x 0.2 lbs / 500 kgs  | 12 lbs |
| OP-924A-1500 | 1500 lbs x 0.5 lbs / 750 kgs  | 12 lbs | OP-924B-1500 | 1500 lbs x 0.5 lbs / 750 kgs  | 12 lbs |
| OP-924A-2000 | 2000 lbs x 0.5 lbs / 1000 kgs | 17 lbs | OP-924B-2000 | 2000 lbs x 0.5 lbs / 1000 kgs | 17 lbs |
| OP-924A-3000 | 3000 lbs x 0.5 lbs / 1500 kgs | 17 lbs | OP-924B-3000 | 3000 lbs x 0.5 lbs / 1500 kgs | 17 lbs |



| EXTERIOR DIMENSIONS |       |       |       |               |
|---------------------|-------|-------|-------|---------------|
| A                   | B     | C     | D     | E             |
| 5.88"               | 8.50" | 5.75" | 2.91" | 15.16"-17.13" |



| HOOK DIMENSIONS  |       |       |       |       |       |       |       |       |       |       |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| A                | B     | C     | D     | E     | F     | G     | H     | I     | J     | K     |
| UP TO 2,000 LBS. |       |       |       |       |       |       |       |       |       |       |
| 2.55"            | 0.60" | 1.35" | 2.65" | 3.25" | 0.90" | 0.90" | 2.92" | 0.96" | 3.15" | 4.92" |
| OVER 2,000 LBS.  |       |       |       |       |       |       |       |       |       |       |
| 2.55"            | 0.60" | 1.35" | 2.65" | 3.25" | 1.22" | 1.15" | 3.57" | 1.25" | 3.90" | 6.50" |

WEST COAST HEADQUARTERS  
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## OP-925 HEAVY DUTY CRANE SCALE

6K lb to 20k lb  
LCD



6K lb to 20k lb  
LED



40K lb  
Front LED



40K lb  
Back LCD



60K lb to 100k lb  
LED

### FEATURES

- Durable cast aluminum housing, ideal for harsh environments
- Features an easy to read, backlit LED or LCD display
- Measured values in either pounds (lb) or kilograms (kg)
- Powered using a rechargeable battery pack (up to 80 hours)
- Wireless remote controller allows users to change units, clear measurements, zero and tare out weight
- Remote controller can capture peak weight at a distance of up to 100ft. (30m)

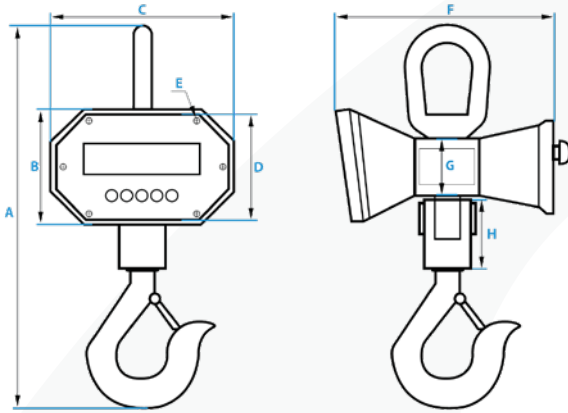
| PART#          | CAPACITY             | SHIP WT. | PART#         | CAPACITY            | SHIP WT. |
|----------------|----------------------|----------|---------------|---------------------|----------|
| LED DISPLAY    |                      |          | LCD DISPLAY   |                     |          |
| OP-925A-6000   | 6000 lbs x 1 lbs     | 26 lbs   | OP-925B-6000  | 6000 lbs x 1 lbs    | 26 lbs   |
| OP-925A-10000  | 10,000 lbs x 2 lbs   | 30 lbs   | OP-925B-10000 | 10,000 lbs x 2 lbs  | 30 lbs   |
| OP-925A-20000  | 20,000 lbs x 5 lbs   | 60 lbs   | OP-925B-20000 | 20,000 lbs x 5 lbs  | 60 lbs   |
| OP-925A-40000  | 40,000 lbs x 10 lbs  | 205 lbs  | OP-925B-40000 | 40,000 lbs x 10 lbs | 190 lbs  |
| OP-925A-60000  | 60,000 lbs x 10 lbs  | 285 lbs  |               |                     |          |
| OP-925A-80000  | 80,000 lbs x 20 lbs  | 370 lbs  |               |                     |          |
| OP-925A-100000 | 100,000 lbs x 20 lbs | 490 lbs  |               |                     |          |



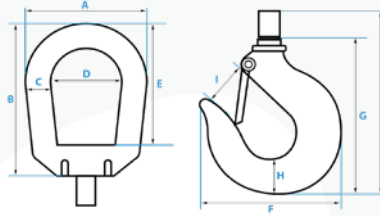
# OP-925 DIAGRAM



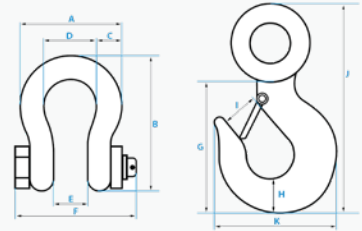
6K, 10K, 20K ▼



Up to 10K lbs ▼



20K lbs ▼



## HOOK DIMENSIONS

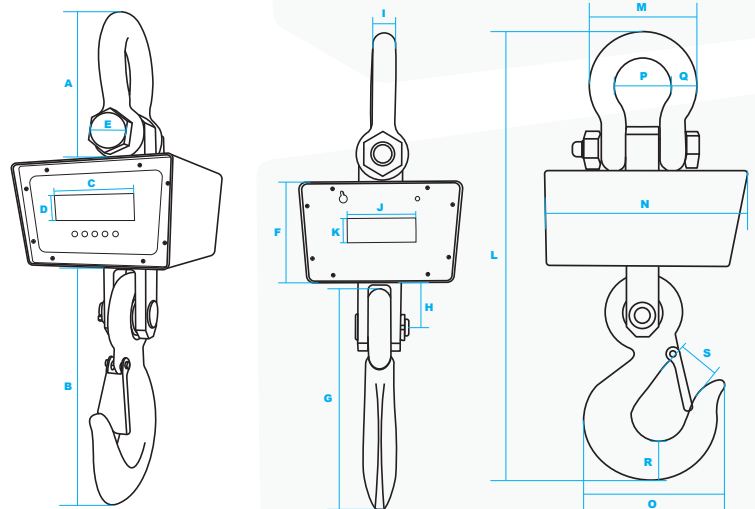
| CAPACITY   | A     | B     | C     | D     | E     | F     |
|------------|-------|-------|-------|-------|-------|-------|
| 6,000 lbs  | 4.52" | 5.91" | 0.95" | 3.58" | 4.72" | 4.54" |
| 10,000 lbs | 5.40" | 7"    | 1.25" | 2.95" | 1.92" | 6.50" |
| 20,000 lbs | 6"    | 8"    | 1.40" | 3.21" | 2.21" | 7.25" |

| CAPACITY   | G     | H     | I     | J      | K     |
|------------|-------|-------|-------|--------|-------|
| 6,000 lbs  | 5.36" | 1.45" | 1.45" | 6.06"  | •     |
| 10,000 lbs | 6.40" | 1.91" | 1.65" | 9.50"  | 6"    |
| 20,000 lbs | 8.00" | 2.40" | 2.00" | 12.20" | 7.00" |

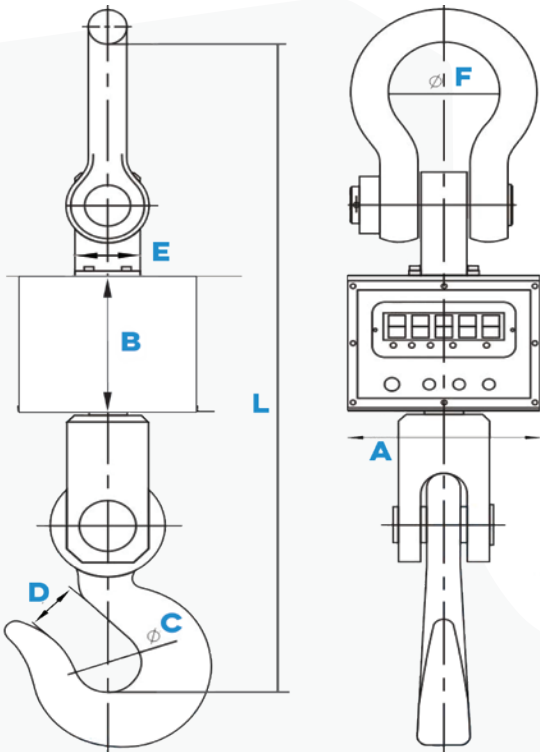
## EXTERIOR DIMS. 6K, 10K, 20K

| A             | B     | C     | D                |
|---------------|-------|-------|------------------|
| 18"; 26"; 29" | 6.14" | 9.83" | 5.65"            |
| E             | F     | G     | H                |
| 0.28"         | 11.2" | 2.97" | 3.5"; 6.5"; 8.5" |

40,000 lbs ▼



60K-100K lbs ▼



## 40K LB CAPACITY DIMENSIONS

| A    | B   | C     | D      | E      | F    | G     | H    | I     | J  |
|------|-----|-------|--------|--------|------|-------|------|-------|----|
| 5.5" | 20" | 6"    | 1.2"   | 2.9"   | 7.5" | 17"   | 4.5" | 1.95" | 5" |
| K    | L   | M     | N      | O      | P    | Q     | R    | S     | •  |
| 1.6" | 40" | 9.25" | 15.75" | 13.25" | 5"   | 2.25" | 4"   | 3.4"  | •  |

60K-100K lbs ▼

## 60K-100K LB CAPACITY DIMENSIONS

| CAPACITY    | A      | B     | C     | D     | E      | F     | L      |
|-------------|--------|-------|-------|-------|--------|-------|--------|
| 60,000 lbs  | 9.29"  | 6.25" | 5.11" | 4.72" | 8.34"  | 5.90" | 39.05" |
| 80,000 lbs  | 11.81" | 8.46" | 5.90" | 5.11" | 11.81" | 8.42" | 47.75" |
| 100,000 lbs | 11.81" | 8.46" | 5.90" | 5.11" | 11.81" | 8.42" | 47.75" |

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## OP-926 HANGING SCALE



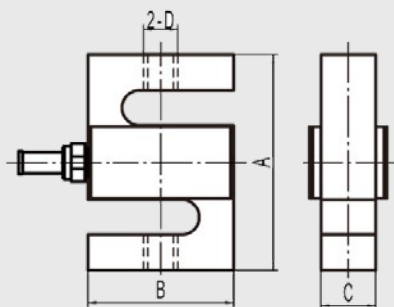
### FEATURES

- Pre-calibrated with certified test weights per NIST's requirements
- More accurate than standard crane scale
- Bi-directional for both tension and compression
- Nickel plated IP67 corrosion resistant load cell
- ABS sealed indicator with LED or LCD display and rechargeable battery
- Peak hold and average hold features
- Selectable weighing units: lb, kg
- 19' load cell cable (longer cables available)
- Eye bolts included
- Optional RS232 port for printer or computer

| PART#       | CAPACITY                  | SHIP WT. |
|-------------|---------------------------|----------|
| OP-926-50   | 50 lb x 0.005 lb/20 kg    | 6 lbs    |
| OP-926-100  | 100 lb x 0.01 lb/50 kg    |          |
| OP-926-150  | 150 lb x 0.02 lb/70 kg    |          |
| OP-926-200  | 200 lb x 0.02 lb/90 kg    |          |
| OP-926-250  | 250 lb x 0.02 lb/120 kg   | 8 lbs    |
| OP-926-300  | 300 lb x 0.05 lb/150 kg   |          |
| OP-926-500  | 500 lb x 0.05 lb/250 kg   | 9 lbs    |
| OP-926-750  | 750 lb x 0.1 lb/340 kg    |          |
| OP-926-1000 | 1,000 lb x 0.1 lb/500 kg  |          |
| OP-926-1500 | 1,500 lb x 0.2 lb/750 kg  |          |
| OP-926-2000 | 2,000 lb x 0.2 lb/1000 kg | 10 lbs   |
| OP-926-2500 | 2,500 lb x 0.5 lb/1200 kg |          |
| OP-926-3000 | 3,000 lb x 0.5 lb/1500 kg |          |
| OP-926-5000 | 5,000 lb x 0.5 lb/2500 kg | 11 lbs   |
| OP-926-10K  | 10,000 lb x 1 lb/5K kg    |          |
| OP-926-15K  | 15,000 lb x 2 lb/7.5K kg  | 12 lbs   |
| OP-926-20K  | 20,000 lb x 2 lb/10K kg   | 32 lbs   |
| OP-926-40K  | 40,000 lb x 5 lb/20K kg   | 35 lbs   |

### OPTIONS/ACCESSORIES

- Indicator Upgrade
- Waterproof hard case
- Scoreboard
- Indicator stand
- Software



| RATED<br>CAPACITY | DIMENSIONS |      |      |                   | RATED<br>CAPACITY | DIMENSIONS |        |       |         |
|-------------------|------------|------|------|-------------------|-------------------|------------|--------|-------|---------|
|                   | A          | B    | C    | D                 |                   | A          | B      | C     | D       |
| lb/inches         |            |      |      |                   | kg/mm             |            |        |       |         |
| 50-200            | 2.50       | 2.00 | 0.75 | 1/4-28UNF-2B      | 25                | 63.50      | 50.80  | 12.70 | M6      |
| 250-300           | 2.50       | 2.00 | 0.75 | 3/8-24UNF-2B      | 50-70             | 63.50      | 50.80  | 12.70 | M6      |
| 500-1,500         | 2.50       | 2.00 | 1.00 | 1/2-20UNF-2B      | 100-700           | 63.50      | 50.80  | 19.05 | M12     |
| 2K-3K             | 3.00       | 2.00 | 1.00 | 1/2-20UNF-2B      | 1,000-1,500       | 76.20      | 50.80  | 25.40 | M12     |
| 5K-10K            | 4.25       | 3.00 | 1.25 | 3/4-16UNF-2B      | 2,000-5,000       | 107.95     | 76.20  | 25.40 | M20x1.5 |
| 15K               | 5.50       | 4.00 | 1.25 | 1-12UNF-2B        | 7,000             | 139.70     | 101.60 | 31.75 | M20x1.5 |
| 20K               | 7.00       | 5.00 | 2.00 | 1 1/4UNF-12UNF-2B | 10,000            | 177.80     | 127.00 | 50.80 | M30x2   |
| 40K               | 7.50       | 5.50 | 2.50 | 1 1/2UNF-12UNF-2B | 20,000            | 190.50     | 139.70 | 63.50 | M38     |

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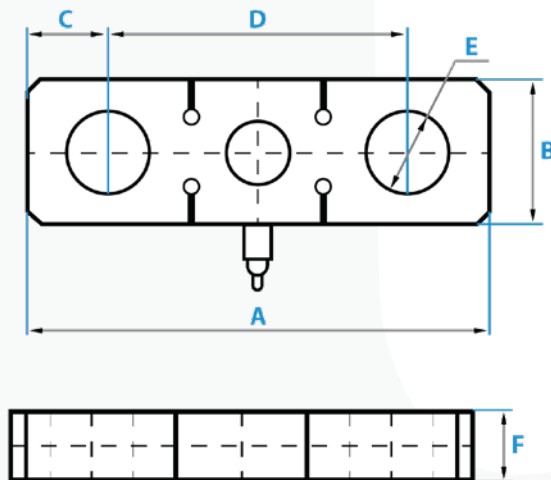
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## OP-927 TENSION LINK SCALE



### FEATURES

- Cost effective solution for processing, monitoring and controlling overhead loads
- Used with shackles to measure force
- Designed to measure high capacity load for cranes, hoists and winches
- Nickel plated IP67 corrosion resistant load cell
- ABS sealed indicator with LED or LCD display and rechargeable battery
- Peak hold and average hold features
- Selectable weighing units: lb and kg
- 26' load cell cable (longer options available)



| PART#       | CAPACITY            | SHIP WT. |
|-------------|---------------------|----------|
| OP-927-25K  | 50,000 lb x 10 lb   | 30 lbs   |
| OP-927-50K  | 50,000 lb x 10 lb   | 33 lbs   |
| OP-927-100K | 100,000 lb x 50 lb  | 46 lbs   |
| OP-927-150K | 150,000 lb x 100 lb | 75 lbs   |
| OP-927-200K | 200,000 lb x 100 lb | 95 lbs   |
| OP-927-250K | 250,000 lb x 100 lb | 95 lbs   |

### OPTIONS/ACCESSORIES

- Indicator Upgrade
- Waterproof hard case
- Scoreboard
- Indicator stand
- Software

| RATED CAPACITY  | DIMENSIONS |        |        |        |       |        |
|-----------------|------------|--------|--------|--------|-------|--------|
|                 | A          | B      | C      | D      | E     | F      |
| lb/inches       |            |        |        |        |       |        |
| 25K lbs         | 11.15      | 3.55   | 7.21   | 1.87   | 1.50  | 1.97   |
| 50K lbs         | 12.53      | 4.33   | 8.27   | 2.01   | 1.69  | 2.13   |
| 100K lbs        | 16.55      | 5.12   | 11.82  | 2.81   | 1.97  | 2.36   |
| 150K lbs        | 19.70      | 6.30   | 13.79  | 3.15   | 2.36  | 2.96   |
| 200K lbs        | 21.67      | 6.70   | 14.97  | 3.80   | 2.76  | 3.35   |
| 250K lbs        | 23.64      | 7.09   | 15.76  | 4.02   | 3.15  | 3.94   |
| kg/mm           |            |        |        |        |       |        |
| 4,536-18,144 kg | 283.00     | 90.00  | 183.00 | 50.00  | 38.00 | 50.00  |
| 22,680 kg       | 318.00     | 110.00 | 210.00 | 51.00  | 43.00 | 54.00  |
| 45,360 kg       | 420.00     | 130.00 | 300.00 | 71.40  | 50.00 | 60.00  |
| 68,040 kg       | 500.00     | 160.00 | 350.00 | 80.00  | 60.00 | 75.00  |
| 90,720 kg       | 550.00     | 170.00 | 380.00 | 96.40  | 70.00 | 85.00  |
| 113,400 kg      | 600.00     | 180.00 | 400.00 | 102.00 | 80.00 | 100.00 |

