

# BenchMark® SL/HE

Spring Loaded/Hostile Environment Bench Scale

BENCH SCALES



## Standard Features

- NTEP Certified load cell
- 304 stainless steel construction
- LifeGuard™ base design isolates load cell from overloads and shock loads for added durability
- Specially designed adjustable support feet provide exceptional traction and won't scratch surfaces

## Specifications

### Load Cell:

IP69K, hermetically sealed  
Stainless steel

### Output Impedance:

350 ohm

### Maximum Overload:

200%, except 150% for 30 lb

### Overload Protection:

Shock-absorbing spider

### Scale Frame:

AISI304L, straight line finish, Ra=45 ± 10

### Scale Cover:

AISI304L, straight line finish, Ra=45 ± 10

### Cable Length:

10 ft (3 m)

### Temperature:

Compensated:  
14 °F to 104 °F (-10 °C to 40 °C)

### Warranty:

Three-year limited  
(includes water ingress)

### Approvals:

NTEP 95-072, Class III 5,000 d  
Measurement Canada AM-5082  
Load cell is NTEP  
Load cell is FM approved

## Approvals



Measurement  
Canada  
Approved



APPROVED

## Part Number/Price

| Part # | Platform Capacity | Dimensions (L × W × H) | Est. Weight | Price   |
|--------|-------------------|------------------------|-------------|---------|
| 86942  | 5 lb (2.5 kg)     | 10 × 10 × 3.15 in      | 13 lb       | Consult |
| 86943  | 10 lb (5 kg)      | 10 × 10 × 3.15 in      | 13 lb       | Consult |
| 86944  | 20 lb (10 kg)     | 10 × 10 × 3.15 in      | 13 lb       | Consult |
| 86945  | 30 lb (15 kg)     | 10 × 10 × 3.15 in      | 13 lb       | Consult |
| 86946  | 30 lb (15 kg)     | 12 × 12 × 3.25 in      | 13 lb       | Consult |
| 86947  | 50 lb (25 kg)     | 12 × 12 × 3.25 in      | 14 lb       | Consult |
| 86948  | 100 lb (50 kg)    | 12 × 12 × 3.25 in      | 14 lb       | Consult |

## Options/Accessories

| Part #  | Description                                  | Catalog Page #           |
|---------|--|--------------------------|
| Consult | Scale columns                                | See page 195             |
| Consult | Ball transfer and roller conveyor scale tops | See page 194             |
| Consult | Mobile scale carts                           | See page 190 to page 193 |

## Dimensions

| BenchMark SL/HE |          |    |          |
|-----------------|----------|----|----------|
| 10 × 10 in      |          |    |          |
| H               | 3.15 in  | W  | 10.00 in |
| L               | 10.00 in | W1 | 10.25 in |
| L1              | 10.25 in |    |          |

Note: 1 in = 25.4 mm

| 12 × 12 in |          |    |          |
|------------|----------|----|----------|
| H          | 3.25 in  | W  | 12.00 in |
| L          | 12.00 in | W1 | 12.25 in |
| L1         | 12.25 in |    |          |

Note: 1 in = 25.4 mm

