

## BenchMark™ Mild, Stainless Steel, HE Series



### STANDARD FEATURES

- 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

### APPROVALS



Measurement  
Canada  
Approved

Meets USDA  
Requirements



### SPECIFICATIONS

#### LOAD CELL, NTEP - CERTIFIED:

Mild steel and stainless steel: aluminum, environmentally sealed  
HE: Stainless steel, hermetically sealed, IP69

#### OUTPUT IMPEDANCE:

Mild steel and stainless steel: 350 ohms  
HE: 1000 ohms

#### MAXIMUM OVERLOAD:

150-200% depending on capacity

#### OVERLOAD PROTECTION:

Five point, independently adjusted

#### CABLE LENGTH:

10 ft (3m)

#### COMPENSATED TEMPERATURE RANGE:

14°F to 104°F (-10°C to 40°C)

#### APPROVALS:

NTEP Certified per H-44, Class III, 5000d, CC #95-072A2  
Measurement Canada approved, AM-5082

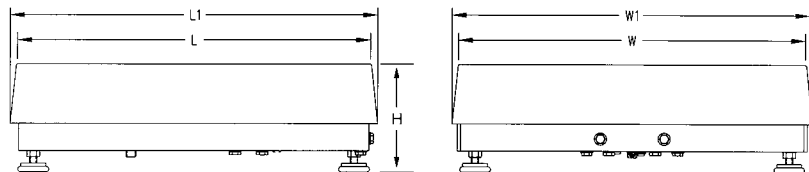
#### WARRANTY:

Mild steel and stainless steel:  
Two-year limited warranty  
HE: Three-year limited warranty including water ingress

## BenchMark™ Mild, Stainless Steel, HE Series

| DIMENSIONS    |                    |             |               |                       |          |          |                            |         |
|---------------|--------------------|-------------|---------------|-----------------------|----------|----------|----------------------------|---------|
| PART # (MILD) | PART # (STAINLESS) | PART # (HE) | CAPACITY      | PLATFORM SIZE (L X W) | L1       | W1       | H (MILD & STAINLESS STEEL) | H (HE)  |
| 18580         | N/A                | N/A         | 30 (15kg)     | 12 in x 12 in         | 12.50 in | 12.50 in | 4.12 in                    | N/A     |
| 18582         | N/A                | N/A         | 50 (25kg)     | 12 in x 12 in         | 12.50 in | 12.50 in | 4.12 in                    | N/A     |
| 18584         | N/A                | N/A         | 100 (50kg)    | 12 in x 12 in         | 12.50 in | 12.50 in | 4.12 in                    | N/A     |
| 18586         | 32918              | 86950       | 50 (25kg)     | 12 in x 18 in         | 12.50 in | 18.50 in | MS 4.12 in SST 3.62 in     | 4 in    |
| 18588         | 32919              | 86951       | 100 (50kg)    | 12 in x 18 in         | 12.50 in | 18.50 in | MS 4.12 in SST 3.62 in     | 4 in    |
| 18590         | 18591              | 86952       | 50 (25 kg)    | 18 in x 18 in         | 18.75 in | 18.75 in | 5.25 in                    | 5.25 in |
| 18592         | 18593              | 86953       | 100 (50kg)    | 18 in x 18 in         | 18.75 in | 18.75 in | 5.25 in                    | 5.25 in |
| 18594         | 18595              | 86954       | 150 (75kg)    | 18 in x 18 in         | 18.75 in | 18.75 in | 5.25 in                    | 5.25 in |
| 18596         | 18697              | 86955       | 200 (100kg)   | 18 in x 18 in         | 18.75 in | 18.75 in | 5.25 in                    | 5.25 in |
| 18598         | 18599              | 86956       | 250 (125kg)   | 18 in x 18 in         | 18.75 in | 18.75 in | 5.25 in                    | 5.5 in  |
| 18600         | 18601              | 86957       | 300 (150kg)   | 18 in x 18 in         | 18.75 in | 18.75 in | 5.25 in                    | 5.5 in  |
| 18602         | 18603              | 86958       | 500 (250kg)   | 18 in x 18 in         | 18.75 in | 18.75 in | 5.25 in                    | 5.5 in  |
| 18604         | 18605              | 86959       | 1,000 (500kg) | 18 in x 18 in         | 18.75 in | 18.75 in | 5.25 in                    | 5.5 in  |
| 18606         | 18607              | 86960       | 50 (25kg)     | 18 in x 24 in         | 18.75 in | 24.75 in | 5.25 in                    | 5.25 in |
| 18608         | 18609              | 86961       | 100 (50kg)    | 18 in x 24 in         | 18.75 in | 24.75 in | 5.25 in                    | 5.25 in |
| 18610         | 18611              | 86962       | 150 (75kg)    | 18 in x 24 in         | 18.75 in | 24.75 in | 5.25 in                    | 5.25 in |
| 18612         | 18613              | 86963       | 200 (100kg)   | 18 in x 24 in         | 18.75 in | 24.75 in | 5.25 in                    | 5.25 in |
| 18614         | 18615              | 86964       | 250 (125kg)   | 18 in x 24 in         | 18.75 in | 24.75 in | 5.25 in                    | 5.5 in  |
| 18616         | 18617              | 86965       | 300 (150kg)   | 18 in x 24 in         | 18.75 in | 24.75 in | 5.25 in                    | 5.5 in  |
| 18618         | 18619              | 86966       | 500 (250kg)   | 18 in x 24 in         | 18.75 in | 24.75 in | 5.25 in                    | 5.5 in  |
| 18620         | 18621              | 86967       | 1,000 (500kg) | 18 in x 24 in         | 18.75 in | 24.75 in | 5.25 in                    | 5.5 in  |
| 18622         | 18623              | 86968       | 100 (50kg)    | 24 in x 24 in         | 24.75 in | 24.75 in | 5.25 in                    | 5.25 in |
| 18624         | 18625              | 86969       | 150 (75kg)    | 24 in x 24 in         | 24.75 in | 24.75 in | 5.25 in                    | 5.25 in |
| 18626         | 18627              | 86970       | 200 (100kg)   | 24 in x 24 in         | 24.75 in | 24.75 in | 5.25 in                    | 5.25 in |
| 18628         | 18629              | 86971       | 250 (125kg)   | 24 in x 24 in         | 24.75 in | 24.75 in | 5.25 in                    | 5.5 in  |
| 18630         | 18631              | 86972       | 300 (150kg)   | 24 in x 24 in         | 24.75 in | 24.75 in | 5.25 in                    | 5.5 in  |
| 18632         | 18633              | 86973       | 500 (250kg)   | 24 in x 24 in         | 24.75 in | 24.75 in | 5.25 in                    | 5.5 in  |
| 18634         | 18635              | 86974       | 1,000 (500kg) | 24 in x 24 in         | 24.75 in | 24.75 in | 5.25 in                    | 5.5 in  |

Note: 1"=25.4 mm



# Bench Scales

## BenchMark™ Mild, Stainless Steel, HE Series

| PART #                        | CAPACITY | PLATFORM DIMENSIONS     | EST. SHIP WEIGHT | PRICE           |
|-------------------------------|----------|-------------------------|------------------|-----------------|
| <b>Mild Steel Series</b>      |          |                         |                  |                 |
| 18580                         | 30lb     | 12 in x 12 in x 4.12 in | 20 lb            | Consult factory |
| 18582                         | 50lb     | 12 in x 12 in x 4.12 in | 20 lb            | Consult factory |
| 18584                         | 100lb    | 12 in x 12 in x 4.12 in | 20 lb            | Consult factory |
| 18586                         | 50lb     | 12 in x 18 in x 4.12 in | 37 lb            | Consult factory |
| 18588                         | 100lb    | 12 in x 18 in x 4.12 in | 37 lb            | Consult factory |
| 18590                         | 50lb     | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18592                         | 100lb    | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18594                         | 150lb    | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18596                         | 200lb    | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18598                         | 250lb    | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18600                         | 300lb    | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18602                         | 500lb    | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18604                         | 1,000lb  | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18606                         | 50lb     | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18608                         | 100lb    | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18610                         | 150lb    | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18612                         | 200lb    | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18614                         | 250lb    | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18616                         | 300lb    | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18618                         | 500lb    | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18620                         | 1,000lb  | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18622                         | 100lb    | 24 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18624                         | 150lb    | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |
| 18626                         | 200lb    | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |
| 18628                         | 250lb    | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |
| 18630                         | 300lb    | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |
| 18632                         | 500lb    | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |
| 18634                         | 1,000lb  | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |
| <b>Stainless Steel Series</b> |          |                         |                  |                 |
| 32918                         | 50lb     | 12 in x 18 in x 3.62 in | 37 lb            | Consult factory |
| 32919                         | 100lb    | 12 in x 18 in x 3.62 in | 37 lb            | Consult factory |
| 18591                         | 50lb     | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18593                         | 100lb    | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18595                         | 150lb    | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18597                         | 200lb    | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18599                         | 250lb    | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18601                         | 300lb    | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18603                         | 500lb    | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18605                         | 1,000lb  | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 18607                         | 50lb     | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18609                         | 100lb    | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18611                         | 150lb    | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18613                         | 200lb    | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18615                         | 250lb    | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18617                         | 300lb    | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18619                         | 500lb    | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18621                         | 1,000lb  | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 18623                         | 100lb    | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |
| 18625                         | 150lb    | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |
| 18627                         | 200lb    | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |
| 18629                         | 250lb    | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |
| 18631                         | 300lb    | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |
| 18633                         | 500lb    | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |
| 18635                         | 1,000lb  | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |

Bench Scales

## BenchMark™ Mild, Stainless Steel, HE Series

| PART #           | CAPACITY | PLATFORM DIMENSIONS     | EST. SHIP WEIGHT | PRICE           |
|------------------|----------|-------------------------|------------------|-----------------|
| <b>HE Series</b> |          |                         |                  |                 |
| 86950            | 50lb     | 12 in x 18 in x 4 in    | 37 lb            | Consult factory |
| 86951            | 100lb    | 12 in x 18 in x 4 in    | 37 lb            | Consult factory |
| 86952            | 50lb     | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 86953            | 100lb    | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 86954            | 150lb    | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 86955            | 200lb    | 18 in x 18 in x 5.25 in | 68 lb            | Consult factory |
| 86956            | 250lb    | 18 in x 18 in x 5.5 in  | 68 lb            | Consult factory |
| 86957            | 300lb    | 18 in x 18 in x 5.5 in  | 68 lb            | Consult factory |
| 86958            | 500lb    | 18 in x 18 in x 5.5 in  | 68 lb            | Consult factory |
| 86959            | 1,000lb  | 18 in x 18 in x 5.5 in  | 68 lb            | Consult factory |
| 86960            | 50lb     | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 86961            | 100lb    | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 86962            | 150lb    | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 86963            | 200lb    | 18 in x 24 in x 5.25 in | 78 lb            | Consult factory |
| 86964            | 250lb    | 18 in x 24 in x 5.5 in  | 78 lb            | Consult factory |
| 86965            | 300lb    | 18 in x 24 in x 5.5 in  | 78 lb            | Consult factory |
| 86966            | 500lb    | 18 in x 24 in x 5.5 in  | 78 lb            | Consult factory |
| 86967            | 1,000lb  | 18 in x 24 in x 5.5 in  | 78 lb            | Consult factory |
| 86968            | 100lb    | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |
| 86969            | 150lb    | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |
| 86970            | 200lb    | 24 in x 24 in x 5.25 in | 84 lb            | Consult factory |
| 86971            | 250lb    | 24 in x 24 in x 5.5 in  | 84 lb            | Consult factory |
| 86972            | 300lb    | 24 in x 24 in x 5.5 in  | 84 lb            | Consult factory |
| 86973            | 500lb    | 24 in x 24 in x 5.5 in  | 84 lb            | Consult factory |
| 86974            | 1,000lb  | 24 in x 24 in x 5.5 in  | 84 lb            | Consult factory |

### OPTIONS/ACCESSORIES

|         |  |                 |
|---------|--|-----------------|
| 53001** | 304 stainless steel clamshell for added load cell protection (12 in x 12 in, 12 in x 18 in) (for mild and stainless steel)   | Consult factory |
| 41292** | 304 stainless steel clamshell for added load cell protection (18 in x 18 in, 18 in x 24 in and 24 in x 24 in), except not 1,000 lb capacity (for mild and stainless steel) | Consult factory |
| 18805** | 304 stainless steel clamshell for added load cell protection (18 in x 18 in 18 in x 24 in and 24 in x 24 in), 1,000 lb capacity only                                       | Consult factory |
| 112044  | 12 in column for IQ plus® 355 or IQ plus® 210, 320IS (without battery option), 320IS Plus (without battery option), 390-DC or IQ plus® 590-DC, 420 plus®, CW-90 and CW-90X | Consult factory |
| 112045* | 18 in column for IQ plus® 355 or IQ plus® 210, 320IS (without battery option), 320IS Plus (without battery option) 390-DC or IQ plus® 590-DC, 420 plus®, CW-90 and CW-90X  | Consult factory |
| 64576   | Attachment bracket for IQ plus® 355 or IQ plus® 210, 420 plus, 320IS (without battery option), 320IS Plus (without battery option)   | Consult factory |
| 64577   | Attachment bracket for IQ plus® 390-DC or IQ plus® 590-DC  | Consult factory |
| 22125   | Additional operating manual  | Consult factory |

\* Not recommended for use with scale bases smaller than 12 in x 12 in

\*\* Not for use with HE Series