

**EIW Series  
Bench & Platform Weighing Scales**



## Overview

These series of bench scales provides flexible, rugged and cost-effective solutions for a wide range of weighing tasks in dry environments. Built for rock solid performance and available in various capacities. These scales are approved and individually certified by the Department Of Legal Metrology. Additional features of counting, check weighing, built in Battery backup, Large Easy to read 20 mm Super bright LED Display and Anti vibration feet. An economical choice for your basic weighing needs.

## Range

### Bench Scale

| Division          |               | Capacity                    |       |       |        |        | Net Weight |
|-------------------|---------------|-----------------------------|-------|-------|--------|--------|------------|
|                   |               | 30 kg                       | 50 Kg | 60 kg | 100 kg | 120 kg |            |
| Model No          | Platform Size |                             |       |       |        |        |            |
| BS 33             | 300 x 300 mm  | 2 g                         | 5 g   | 5 g   |        |        | 9 kg       |
| BS 44             | 400 x 400 mm  |                             | 5 g   | 5 g   | 10 g   | 10 g   | 13.5 kg    |
| Material of Frame |               | Mild Steel - Box Type Frame |       |       |        |        |            |
| Material of Pan   |               | 1.2 mm Thick SS 304 Pan     |       |       |        |        |            |
| Loadcell          |               | Aluminum Loadcell - IP65    |       |       |        |        |            |
| HSN Code          |               | 84 23 82 00                 |       |       |        |        |            |

### Platform Scale

| Division          |               | Capacity   |        |            |        |        |        |        |         | Net Weight |
|-------------------|---------------|--|--------|------------|--------|--------|--------|--------|---------|------------|
|                   |               | 100/200 kg   | 200 kg | 200/300 kg | 300 kg | 500 kg | 600 kg | 750 kg | 1200 kg |            |
| Model No          | Platform Size |  |        |            |        |        |        |        |         |            |
| PS 55             | 500 x 500 mm  | 10/20 g  | 20 g   | 20/50 g    | 50 g   |        |        |        |         | 27 kg      |
| PS 66             | 600 x 600 mm  |  |        | 20/50 g    | 50 g   | 50 g   | 100 g  |        |         | 33 kg      |
| PS 75             | 750 x 750 mm  |  |        |            |        | 50 g   | 100 g  | 100 g  | 120 g   | 60 kg      |
| Material of Frame |               | Mild Steel - Box Type Frame  |        |            |        |        |        |        |         |            |
| Material of Pan   |               | 1.2 mm Thick SS 304 Pan  |        |            |        |        |        |        |         |            |
| Loadcell          |               | For PS 55 / PS 66 Steel Loadcell IP 65 - 1 Pc & For PS 75 Steel Loadcell IP 65 - 2 Pcs |        |            |        |        |        |        |         |            |
| HSN Code          |               | 84 23 82 00  |        |            |        |        |        |        |         |            |

### Platform Scale

| Division          |               | Capacity   |        |            |        |        |        |        |         | Net Weight |
|-------------------|---------------|--|--------|------------|--------|--------|--------|--------|---------|------------|
|                   |               | 100/200 kg   | 200 kg | 200/300 kg | 300 kg | 500 kg | 600 kg | 750 kg | 1200 kg |            |
| Model No          | Platform Size |  |        |            |        |        |        |        |         |            |
| PM 55             | 500 x 500 mm  | 10/20 g  | 20 g   | 20/50 g    | 50 g   |        |        |        |         | 28 kg      |
| PM 66             | 600 x 600 mm  |  |        | 20/50 g    | 50 g   | 50 g   | 100 g  |        |         | 35 kg      |
| PM 75             | 750 x 750 mm  |  |        |            |        | 50 g   | 100 g  | 100 g  | 120 g   | 61.5 kg    |
| Material of Frame |               | Mild Steel - Box Type Frame  |        |            |        |        |        |        |         |            |
| Material of Pan   |               | 3 mm Thick Mild Steel Pan  |        |            |        |        |        |        |         |            |
| Loadcell          |               | For PM 55 / PM 66 Steel Loadcell IP 65 - 1 Pc & For PM 75 Steel Loadcell IP 65 - 2 Pcs |        |            |        |        |        |        |         |            |
| HSN Code          |               | 84 23 82 00  |        |            |        |        |        |        |         |            |

## Structure Elements



## Factory Options

1. OPT 014 - 12.5 mm Green LED Remote Display with 5Mtr & 20Mtr Cable.
2. OPT 015 to 018 - Trolley with Handle & 4 Multidirectional Nylon Wheel.
3. OPT 029 to OPT 033 – Roller with Ball Bearings
4. OPT 073 to 076 - Stand Of Height 1000mm
5. OPT 082 - Counting Indicator
6. OPT 083 - Price Computing Indicator
7. OPT 084 – EX Indicator – 50 mm LED Display
8. OPT 085 – EC Indicator – 50 mm LCD Display
9. OPT 108 - X Stand Pole

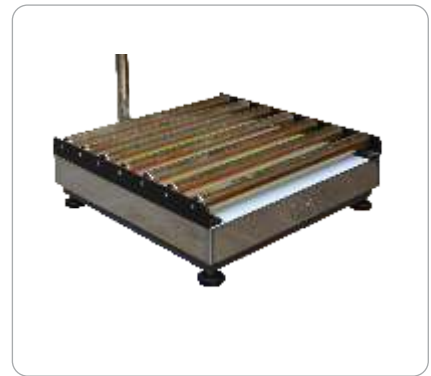
## Options Gallery



OPT 014  
12.5 mm GREEN LED Remote Display



OPT 015 to 018  
Trolley With Handle & 4 Multidirectional Nylon Wheel



OPT 029 to 033  
Roller With Bearings



OPT 073 to 076  
Stand Of Height 1000 mm



OPT 082  
Counting Indicator



OPT 083  
Price Computing Indicator



OPT 084 - EX - Industrial Indicator  
- 50 mm LED Display



OPT 085 - EC - Industrial Indicator  
- 50 mm LCD Display



OPT 108  
X Stand For Indicator Mounting



## Standard Features

|                                       |  |
|---------------------------------------|--|
| ■ Tare Function                       | ■ Zero Tracking  |
| ■ Counting Function                   | ■ RS 232 Serial Interface  |
| ■ Inbuilt Battery Charger*            | ■ Weight Stable Indication   |
| ■ Low Battery Indication              | ■ Key Board : 5 Keys Colour Coded Key Board                                  |
| ■ Over Load Protection & Indication   | ■ Battery Back-up : 6V / 4.5 AH – 10 Hours+<br>When battery is fully Charged |
| ■ Auto Sleep Function To Save Battery |  |

## Technical Specification

| Model                 | EIW BS / PS / PM                          |
|-----------------------|---|
| Description           | Digital Bench And Platform Weighing Scale |
| Net Weight            | Page No. 2                                |
| Processor             | 8 Bits Microcontroller                    |
| Key Board             | 5 Keys                                    |
| Display Type          | LED (Green) Display                       |
| No. Of Display Window | Single Front Display                      |
| Display Size          | 20 mm - Front Display                     |
| Repeatability         | ± 1d                                      |
| Linearity             | ± 1d At Half Load & ± 2d At Full Load     |
| Creep                 | ± 2d (for 3 minutes with full capacity)   |
| Calibration Method    | External Calibration Software Based       |
| Power Connector       | 3 Pin Mains Cord (5A)                     |
| Power Supply          | 150 V to 240 V                            |
| Frequency             | 50~60 Hz                                  |
| Power Consumption     | < 10 Watt                                 |
| Operating Temperature | 0°C to 50°C                               |
| Operating Humidity    | 95% RH Max (Non – Condensing)             |
| Battery Capacity      | 6V / 4.5 AH                               |
| Over-load             | 100 % Of Scale Capacity + 9e              |
| Safe-load             | 150 % Of Scale Capacity                   |
| Stabalisation Time    | < 4s                                      |
| Internal Resolution   | 16 Bit ADC (2,00,000 + Count)             |

\*Note: Battery will not be supplied with the scale.

For Class II



For Class III



®

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