

Technical Data



**The Brilliant Mono-Tech**

Unique & Unequalled high end MONO-TECH technology (Weigh Sensor) to match the highest international standards.

**External Calibration**

Automatic setting up of the balance accuracy. External test weight required

**Overload Protection**

Capacity tracker built into display for easily monitoring possible overloads.

**Excellent Readability**

High-contrast, backlit display 15mm digits size is exceptionally easy to read under any room lighting conditions.

**GLP**

Built-in clock make all your documents ISO / GLP / GMP compliance.

**Below Weighing Hook**

Hook for weighing below the balance.

**Automatic shut off**

For power saving mode.

## EHP Series Analytical Balances

Standard Level

| Model                       | EHP 64   | EHP 124 | EHP 224 | EHP 304 | EHP 324 | EHP 404 |
|-----------------------------|--|---------|---------|---------|---------|---------|
| Maximum Capacity            | 60 gm  | 120 gm  | 220 gm  | 300 gm  | 320 gm  | 400 gm  |
| Minimum load                | 10mg   | 10mg    | 10mg    | 10mg    | 10mg    | 10mg    |
| Readability                 | 0.1 mg   | 0.1 mg  | 0.1 mg  | 0.1 mg  | 0.1 mg  | 0.1 mg  |
| Repeatability (sd)          | 0.1 mg   | 0.1 mg  | 0.1 mg  | 0.2 mg  | 0.2 mg  | 0.2 mg  |
| Linearity (+/-)             | 0.2 mg   | 0.2 mg  | 0.2 mg  | 0.3 mg  | 0.3 mg  | 0.3 mg  |
| Tare Range (Subtractive)    | -60 gm   | -120 gm | -220 gm | -300 gm | -320 gm | -400 gm |
| USP Minimum Weight          | 160 mg   |         |         |         |         |         |
| Pan Size (mm)               | 90 Ø   |         |         |         |         |         |
| Response Time               | 2 - 3 Sec.   |         |         |         |         |         |
| Display                     | Alpha Numeric Backlite LCD Display   |         |         |         |         |         |
| Calibration                 | External Calibration   |         |         |         |         |         |
| Units of measure            | gm, mg, ct, GN, mo, oz, dwt, t1T, t1H, t1S, mom, Bat, MS   |         |         |         |         |         |
| Operating Temp.             | 18° to 30°C  |         |         |         |         |         |
| Sensitivity Drift.          | ± 2ppm (2 <sup>6</sup> x 10 / °C)  |         |         |         |         |         |
| Interface                   | RS 232C Optional USB (Windows direct communication).   |         |         |         |         |         |
| Application Modes           | PCS, % Weighing, Animal / Dynamic Weighing, Check Weighing, Automatic Density Determination, Formulation Automatic Statistic Calculator etc. |         |         |         |         |         |
| Power Supply                | DC Adaptor, input 100 ~ 240 0.8A output 13V / 15.A, 50-60Hz  |         |         |         |         |         |
| Compliance                  | ISO, GLP / GMP & USP   |         |         |         |         |         |
| Balance Size (W x D X H) mm | 342.5 x 212 x 341 / Chamber Height 228.5   |         |         |         |         |         |
| Weight Approx               | 9.3 kg   |         |         |         |         |         |

Typical minimum sample weight according to USP Chapter41

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Deals in : All Tpes of Electronic Weighing Scale