### Everest Specifications

#### Options

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EKW-07i</td>
<td>Underhook (for EK-4100/6100/12000)</td>
</tr>
<tr>
<td>EKW-09i</td>
<td>Rechargeable Battery Pack (Ni-MH)</td>
</tr>
<tr>
<td>CC-106</td>
<td>Carrying Case</td>
</tr>
<tr>
<td>EKW-25G</td>
<td>Bluetooth</td>
</tr>
</tbody>
</table>

#### Accessories

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD-8121B</td>
<td>Dot Matrix Compact Printer</td>
</tr>
<tr>
<td>AD-818B</td>
<td>Universal Printer</td>
</tr>
<tr>
<td>AD-8920</td>
<td>External Display</td>
</tr>
<tr>
<td>AR-300602-55</td>
<td>Protective Cover (Epco)</td>
</tr>
</tbody>
</table>

#### Rechargeable Battery Pack (Ni-MH)

- 12,000 pcs
- 200x0.1
- 1000x0.05
- 5000x0.05
- 10000x0.01

#### Comparator/Relay Output (EKB-990)

- 12,000 pcs
- 200x0.02
- 1000x0.01
- 5000x0.01
- 10000x0.001

#### Digi 3000 Series

- 15,000 pcs
- 200x0.01
- 1000x0.005
- 5000x0.005
- 10,000x0.001

#### Digital Scale

- 12,000 pcs
- 200x0.01
- 1000x0.005
- 5000x0.005
- 10,000x0.001

#### Ultrasonic Cleaner

- 15,000 pcs
- 200x0.1
- 1000x0.05
- 5000x0.05
- 10,000x0.01

#### Universal Printer

- 12,000 pcs
- 200x0.02
- 1000x0.01
- 5000x0.01
- 10,000x0.001

#### External Display

- 12,000 pcs
- 200x0.1
- 1000x0.05
- 5000x0.05
- 10,000x0.01

#### Protective Cover (Epco)

- EKB-990 and Digi 3000 series cannot be used simultaneously.
- EKB-990i and Digi 3000 series cannot be used simultaneously.
For years the EK/EW models have been popular compact balances for a wide variety of applications. Now the new Everest Compact Balances have been designed to carry on their tradition with enhanced capacities and resolutions, and EW-i models come with attractive triple ranges of weighing. New electronics, wider selection of capacities & resolutions, and remote-zeroing have been included in a low-profile rugged housing. All feature RS-232C standard and are designed to meet Weights and Measures regulations for various countries. (e.g. NTEP, CE)

- Large LCD display (16mm height) with back light – Easy to read even at a wide viewing angle or dark environment
- Wide selection from 16 different models
- 30g – 12kg
- Control zero, mode selection and data output with standard RS-232C
- Triple range weighing for EW-i Models
- 9 built-in weighing units plus counting & percentage with user priority start-up
- Counting function with Automatic Counting Accuracy Improvement
- Standard comparator function – HI/OK/LO annunciator
- Full Digital Calibration with optional user definable mass setting
- Conformity to GLP with I.D. and serial number outputs
- Auto Power OFF
- Portable-compact size, light weight, rugged body
- Sealed key panel protection against dust and spills
- Low profile and small footprint for minimal space requirement
- Overload protection
- Stainless steel weighing pan
- Easy to install rechargeable Ni-MH battery (optional)
- Optional underhook weighing for EK-4100i / 6100i / 6000i / 12Ki and EW-12Ki
- Leveling feet and level bubble for accurate weighing
- Security ring to prevent theft

GLP Balance I.D. number allows calibration output verification

Options & Accessories

**Multi-Function Printer**
AD-8121B
With time/date and statistics

**External Display**
AD-8920

**Rechargeable Battery**
EXW-OR
For complete portability and use in areas with power problems

**Carrying Case**
CC:106

**GLP**
Balance I.D. number allows calibration output verification

**Weighing Range (EW-i series only)**
Triple range indication

**ACAI**
Automatic Counting Accuracy Improvement

**HI/OK/LO**
Comparator Annunciator

**Sample**
Register a sample count or 100% in percentage

**Print**
Transmit data to printer or computer

**Multi weighing units**
- oz – Ounce (avoirdupois)
- g – Gram
- ct – Carat
- t – Tael
- t – Troy ounce
- lb – Pound (avoirdupois)
- pcs – Pieces
- GN – Grams
- dwt – Pennyweight

**ACAI**
Automatic Counting Accuracy Improvement

**Sample**
Register a sample count or 100% in percentage

**Print**
Transmit data to printer or computer

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ROCK SOLID PERFORMANCE

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GLP Balance I.D. number allows calibration output verification

Options & Accessories

Multi-Function Printer
AD-8121B
With time/date and statistics

External Display
AD-8920

Rechargeable Battery
EXW-OR
For complete portability and use in areas with power problems

Carrying Case
CC:106

GLP
Balance I.D. number allows calibration output verification

Weighing Range
(EW-i series only)
Triple range indication

ACAI
Automatic Counting Accuracy Improvement

HI/OK/LO
Comparator Annunciator

Sample
Register a sample count or 100% in percentage

Print
Transmit data to printer or computer

Multi weighing units
oz - Ounce (av)
ozt - Troy ounce
tl - Tael
gn - Grain unit
dwt - Pennyweight

GLP
Balance I.D. number allows calibration output verification

Multi-Function Printer
AD-8121B
With time/date and statistics

External Display
AD-8920

Rechargeable Battery
EXW-OR
For complete portability and use in areas with power problems

Carrying Case
CC:106
### Everest Specifications

<table>
<thead>
<tr>
<th></th>
<th><strong>EK-130i</strong></th>
<th><strong>EK-200i</strong></th>
<th><strong>EK-300i</strong></th>
<th><strong>EK-410i</strong></th>
<th><strong>EK-610i</strong></th>
<th><strong>EK-600i</strong></th>
<th><strong>EK-1200i</strong></th>
<th><strong>EK-2000i</strong></th>
<th><strong>EK-3000i</strong></th>
<th><strong>EK-4100i</strong></th>
<th><strong>EK-6100i</strong></th>
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<td><strong>Counting Mode</strong></td>
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</tr>
<tr>
<td>Max. count</td>
<td>12,000 pcs</td>
<td>20,000 pcs</td>
<td>30,000 pcs</td>
<td>60,000 pcs</td>
<td>12,000 pcs</td>
<td>20,000 pcs</td>
<td>30,000 pcs</td>
<td>60,000 pcs</td>
<td>12,000 pcs</td>
<td>20,000 pcs</td>
<td>30,000 pcs</td>
</tr>
<tr>
<td>Min. unit weight</td>
<td>0.01 g</td>
<td>0.1 g</td>
<td>0.5 g</td>
<td>0.5 g</td>
<td>1.0 g</td>
<td>1.0 g</td>
<td>1.0 g</td>
<td>1.5 g</td>
<td>1.5 g</td>
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<tr>
<td><strong>Percent Mode</strong></td>
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<tr>
<td>No. of samples</td>
<td>5, 10, 25, 50 or 100 pcs</td>
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<tr>
<td>Min. div.</td>
<td>0.1%</td>
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<td>Min.100% weight</td>
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</tr>
<tr>
<td>Linearity</td>
<td>±0.01 g</td>
<td>±0.02 g</td>
<td>±0.05 g</td>
<td>±0.1 g</td>
<td>±0.2 g</td>
<td>±0.5 g</td>
<td>±0.1 g</td>
<td>±0.2 g</td>
<td>±0.5 g</td>
<td>±0.1 g</td>
<td>±0.2 g</td>
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<td>Repeatability/Std Dev.</td>
<td>0.1%</td>
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<tr>
<td><strong>Display</strong></td>
<td></td>
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<tr>
<td>Display Type</td>
<td>7 segment LCD with backlight (character height 16mm)</td>
<td></td>
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<td>Display Refresh</td>
<td>10 times / second</td>
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<tr>
<td><strong>Physical Dimensions (mm)</strong></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Physical Dimensions (width)</td>
<td>190(W) x 218(D) x 53(H)</td>
<td>190(W) x 218(D) x 53(H)</td>
<td>190(W) x 218(D) x 53(H)</td>
<td>190(W) x 218(D) x 53(H)</td>
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<td>190(W) x 218(D) x 53(H)</td>
<td>190(W) x 218(D) x 53(H)</td>
</tr>
<tr>
<td>Physical Dimensions (height)</td>
<td>7.5(W) x 8.6(D) x 2.1(H)</td>
<td>7.5(W) x 8.6(D) x 2.1(H)</td>
<td>7.5(W) x 8.6(D) x 2.1(H)</td>
<td>7.5(W) x 8.6(D) x 2.1(H)</td>
<td>7.5(W) x 8.6(D) x 2.1(H)</td>
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<td>7.5(W) x 8.6(D) x 2.1(H)</td>
<td>7.5(W) x 8.6(D) x 2.1(H)</td>
</tr>
<tr>
<td><strong>Admissible Ambient Temperature</strong></td>
<td>-10°C to 40°C</td>
<td>-14°F to 104°F, less than 85% R.H. (non-condensing)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>1.5 kg</td>
<td>1.1 kg</td>
<td>1.5 kg</td>
<td>1.5 kg</td>
<td>1.5 kg</td>
<td>1.5 kg</td>
<td>1.5 kg</td>
<td>1.5 kg</td>
<td>1.5 kg</td>
<td>1.5 kg</td>
<td>1.5 kg</td>
</tr>
<tr>
<td><strong>Calibration Mass (default setting)</strong></td>
<td>6,000 g</td>
<td>12,000 g</td>
<td>15,000 g</td>
<td>30,000 g</td>
<td>60,000 g</td>
<td>12,000 g</td>
<td>20,000 g</td>
<td>30,000 g</td>
<td>60,000 g</td>
<td>12,000 g</td>
<td>20,000 g</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>AC adapter or Ni-MH battery pack (option)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Standard Accessories</strong></td>
<td>Manual, AC adapter</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Options

- **EK-04i**: Comparator/Relay Output
- **EK-07i**: Underhook (for EK-4100i/6100i/6000/12Ki, EW-12Ki only)
- **EK-09i**: Rechargeable Battery Pack (Ni-MH)
- **EJ-12**: Carrying Case

### Accessories

- **AD-8121B**: Dot Matrix Compact Printer
- **AD-8118B**: Universal Printer
- **AD-8920**: External Display
- **AX-3005824-SS**: Protective Cover (5pcs.)

**Note**: EK-04i and EK-09i cannot be used simultaneously. **EK-29i and EK-09i cannot be used simultaneously.**

*Legal for Trade.* Specifications subject to change without notice.

<table>
<thead>
<tr>
<th><strong>EK-6000i</strong></th>
<th><strong>EK-12Ki</strong></th>
<th><strong>EW-150i</strong></th>
<th><strong>EW-1500i</strong></th>
<th><strong>EW-12Ki</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Counting Mode</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. count</td>
<td>6,000 pcs</td>
<td>12,000 pcs</td>
<td>15,000 pcs</td>
<td>12,000 pcs</td>
</tr>
<tr>
<td>Min. unit weight</td>
<td>0.01 g</td>
<td>0.1 g</td>
<td>0.5 g</td>
<td>1.0 g</td>
</tr>
<tr>
<td><strong>Percent Mode</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. of samples</td>
<td>5, 10, 25, 50 or 100 pcs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Min. div.</td>
<td>0.1%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Min.100% weight</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Linearity</td>
<td>±0.01 g</td>
<td>±0.02 g</td>
<td>±0.05 g</td>
<td>±0.1 g</td>
</tr>
<tr>
<td>Repeatability / Std Dev.</td>
<td>0.1%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sensitivity Drift**: 20ppm / C (10°C to 30°C / 50°F to 86°F)

**Display**

- 7 segment LCD with backlight (character height 16mm)

**Display Refresh**: 10 times / second

**Pan size (W) x (D) x (H)**: 133 x 170 mm / 5.2 x 6.7 inches

**Physical Dimensions (mm)**

- **Physical Dimensions (width)**: 190(W) x 218(D) x 53(H)
- **Physical Dimensions (height)**: 7.5(W) x 8.6(D) x 2.1(H)

**Admissible Ambient Temperature**: -10°C to 40°C / -14°F to 104°F, less than 85% R.H. (non-condensing)

**Weight**: 1.5 kg

**Calibration Mass (default setting)**: 6,000 g

**Power**: AC adapter or Ni-MH battery pack (option)

**Standard Accessories**: Manual, AC adapter

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**Options**

- **EK-04i**: Comparator/Relay Output
- **EK-07i**: Underhook (for EK-4100i/6100i/6000/12Ki, EW-12Ki only)
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- **EJ-12**: Carrying Case

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