Compact Balances

**EK-i**

**EW-i**

Series
Choose the best for your weighing applications from a wider selection. High resolution up to 1/60,000! (EK-610i, EK-6100i)

A wider selection of capacities & resolutions, and remote-zeroing has been included in a low-profile rugged housing. For years the EK/EW series balances have been top selling products. Now the new EK-i Compact Balances have been designed to continue this tradition with enhanced capacities and resolutions, and EW-i series comes with attractive triple ranges of weighing. All feature RS-232C as standard and are designed to meet weights and measures regulations of various countries (e.g. NTEP, EC).

- Wide selection of 16 different models 30g ~ 12kg
- Large LCD display (16mm height) with backlight – easy to read even at a wide viewing angle or dark environment
- Control zero, mode selection and data output with standard RS-232C
- Triple range weighing for EW-i series
- 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, lightweight, rugged body
- Sealed key panel protection against dust and spills
- Low profile and small footprint for any 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, EW-12Ki
- Leveling feet and level bubble for accurate weighing
- Security ring to prevent theft
**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

**Options & Accessories**

**Dot Matrix Compact Printer**

#AD-8121B

**Optional Ni-MH Pack**

#EKW-09i

For complete portability and use in areas with power problems

**Carrying Case**

#EKW-12i

- oz  Ounce (av)
- ozt  Troy ounce
- tl  Tael
- lb  Pound (av)
- GN  Grain unit
- dwt  Pennyweight
- g  Gram
- ct  Carat
- mom  Momme
- pcs  Pieces
- %  Percent
EK-i Series Specifications

**EK-120i**
- **Cranging**
  - 120 x 0.01
  - 200 x 0.01
- **Decimal Counts/Value**
  - 4,230 x 0.001
  - 7,005 x 0.003
  - 9,480 x 0.005
  - 15,200 x 0.01
- **Decimal Pounds/Value**
  - 12 x 0.01
  - 24 x 0.02
- **Tray Diameters**
  - 3.85 x 0.005
  - 4.01 x 0.005
  - 6.46 x 0.005
- **Pennyweight(1/2)**
  - 77.16 x 0.01
  - 128.60 x 0.01
- **Conidil**
  - 600.00 x 0.05
  - 1,000.00 x 0.05
  - 1,500.00 x 0.05
- **Momme**
  - 12,000 x 0.05
- **Grain Unit(GN)**
  - 462.9 x 0.1
- **Carat(ct)**
  - 320.00 x 0.5
- **Troy Ounce(ozt)**
  - 192.90 x 0.1

**Specifications**
- Admissible Ambient Temperature: –10°C ~ 40°C / 14°F ~ 104°F
- Physical Dimensions (mm): 133 x 170mm / 5.3 x 6.7 inches
- Display: 7 segment LCD with backlight (character height 16mm)
- Display Refresh: 10 times/second
- Maximum Count: 12,000

**Parameter**
- Counting Mode: 6,000,000
- Min. unit weight: 1g
- No. of samples: 5, 10, 25, 50 or 100 pieces
- Min. div.: 0.1g
- Min. 50% weight: 1g
- Linearity: +0.02g
- Repeatability/Std. Dev.: ±0.01g
- Sensitivity Drift: ±0.002g
- Display Type: 7 segment LCD with backlight character height 16mm
- Display Refresh: 10 times/second
- Admissible Ambient Temperature: –10°C ~ 40°C / 14°F ~ 104°F
- Weighting/prep.: 1.5kg
- Calibration Mass/flat setting: 120g
- Power: AC/DC adapter or Ni-MH battery pack (option)
- Standard Accessories: Manual, AC adapter

**Option**
- **EK-04I** Comparator/Relay Output
- **EK-07I** Underhook (for EK-110I/EK-110I/6000I/12K, EK-12KI only)
- **EK-09I** Rechargeable Battery Pack (Ni-MH)
- **EK-12I** Carrying Case

**Accessories**
- **AD-812B** Dot Matrix Compact Printer
- **AD-818C** Universal Printer
- **AD-852B** Keyboard Adapter
- **AD-892A** External Display
- **AX-3005824-55** Protective Cover (5pcs.)

**EK-ADCC-12-EK-1202**