

A&D Weighing EK-i Series

Compact Balances



STANDARD FEATURES

- Backlit weight display
- Nine weighing modes
- Remote zeroing
- Easy to install NiCad battery option
- Standard RS-232C bidirectional interface

SPECIFICATIONS

PCS - MAX COUNT/MIN UNIT

WEIGHT:

EK-120i: 12,000, 0.01 g
 EK-200i: 20,000, 0.01 g
 EK-300i: 30,000, 0.01 g
 EK-410i: 40,000, 0.01 g
 EK-610i: 60,000, 0.01 g
 EK-600i: 6,000, 0.1 g
 EK-1200i: 12,000, 0.1 g
 EK-2000i: 20,000, 0.1 g
 EK-3000i: 30,000, 0.1 g
 EK-4100i: 40,000, 0.1 g
 EK-6100i: 60,000, 0.1 g
 EK-6000i: 6,000, .1 g
 EK-12ki: 12,000, .1 g

% - MIN. DIV:

EK-120i, EK-200i, EK-300i,
 EK-410i, EK-610i: 0.1%
 EK-600i, EK-1200i, EK-2000i,
 EK-3000i, EK-4100i, EK-6100i,
 EK-6000i, EK-12ki: 0.1%

LINEARITY:

EK-120i, EK-200i: ± 0.01 g
 EK-300i, EK-410i, EK-610i: ± 0.02 g
 EK-600i, EK-1200i, EK-2000i: ± 0.1 g
 EK-3000i, EK-4100i, EK-6100i: ± 0.2 g
 EK-6000i, EK-12ki: ± 1 g

REPEAT./STD.DIV:

EK-120i, EK-200i, EK-300i, EK-410i,
 EK-610i: 0.01 g
 EK-600i, EK-1200i, EK-2000i, EK-3000i,
 EK-4100i, EK-6100i: 0.1 g
 EK-6000i, EK-12ki: 1 g

PAN SIZE:

EK-120i, EK-200i, EK-300i, EK-410i,
 EK-610i: 4.3 in diameter/110 mm
 EK-600i, EK-1200i, EK-2000i, EK-3000i,
 EK-4100i, EK-6100i, EK-6000i, EK-12ki:
 5.2 in x 6.7 in/133 x 170 mm

DIMENSIONS: (W x D x H)

7.5 (W) x 8.6 (D) x 2.2 (H) in
 190 x 218 x 53 mm

WEIGHT:

EK-120i, EK-200i, EK-300i, EK-410i,
 EK-610i: 2.4 lb/1.1 kg
 EK-600i: 3lb/1.3 kg
 EK-1200i, EK-2000i, EK-3000i, EK-4100i,
 EK-6100i, EK-6000i, EK-12ki: 3.5 lb/1.5 kg

SENSITIVITY DRIFT:

± 20 ppm/ $^{\circ}$ C (10 $^{\circ}$ C-30 $^{\circ}$ C/50 $^{\circ}$ F-86 $^{\circ}$ F)

OPERATING TEMPERATURE:

14 $^{\circ}$ F-104 $^{\circ}$ F/-10 $^{\circ}$ C-40 $^{\circ}$ C

DISPLAY TYPE:

Seven segment LCD back lit

DISPLAY REFRESH:

10 times per second

POWER:

AC adapter, or Ni-MH battery pack (option)

WARRANTY:

Five-year limited warranty

EK-i SERIES CAPACITIES

	EK-120i	EK-200i	EK-300i	EK-410i	EK-610i	EK-600i	EK-1200i
g	120 x 0.01	200 x 0.01	300 x 0.01	400 x 0.01	600 x 0.01	600 x 0.1	1200 x 0.1
dec.oz	4.2330 x 0.0005	7.0550 x 0.0005	10.5820 x 0.0005	14.11 x 0.001	21.164 x 0.001	21.165 x 0.005	42.330 x 0.005
dec. lb				0.8818 x 0.0001	1.3228 x 0.0001	1.3230 x 0.0005	2.6455 x 0.0005

	EK-2000i	EK-3000i	EK-4100i	EK-6100i	EK-6000i	EK-12Ki
g	2000 x 0.1	3000 x 0.1	4000 x 0.1	6000 x 1	6000 x 1	12,000 x 1
dec.oz	70.550 x 0.005	105.82 x 0.005	141.1 x 0.005	211.64 x 0.005	211.65 x 0.05	423.3 x 0.05
dec. lb	4.4090 x 0.005	6.6140 x 0.005	8.818 x 0.005	13.228 x 0.005	13.230 x 0.005	26.455 x 0.005