

EK-EP Series

Intrinsically Safe Compact Balances

Capacity: 300g to 12kg Readability: 0.01 g to 1 g



EK-300EP



EK-3000EP

Standard Features

- LCD display
- FM approved (Class I, division 1, groups C and D)
- 200 hours of battery operation*
- Auto power off
- Counting/Percentage/Specific Gravity modes
- Multiple weighing units: g, oz, lb, ozt, ct, mom, dwt, gr, N

APPROVALS

**Specifications**

| | EK-300EP | EK-3000EP | EK-12KEP | |
|------------------------------------|--|-------------------------------------|------------------|-----------------|
| Part# | 177693 | 177694 | 177695 | |
| List Price | Consult | Consult | Consult | |
| Capacity | 300 g | 3000 g | 12,000 g | |
| Resolution | 0.01 g | 0.1 g | 1 g | |
| Operating Modes | Counting, Percentage, Specific Gravity | | | |
| Repeatability | 0.01 g | 0.1 g | 1 g | |
| Linearity | ±0.02 g | ±0.2 g | ±1 g | |
| Sensitivity Drift | ±20 ppm/°C (10°C to 30°C/50°F to 86°F) | | | |
| Operating Temperature | 32°F to 104°F (0°C to 40°C) | | | |
| Pan Size | Ø4.33 in (110 mm) | 5.24 in x 6.69 in (133 mm x 170 mm) | | |
| Physical Dimensions | (W x D x H) 7.5 x 8.6 x 2.2 in (190 x 218 x 55 mm) | | | |
| Weight (approx.) | 2.4 lb (1.1 kg) | 3.5 lb x (1.5 kg) | | |
| Calibration Mass (default setting) | 300 g | 3000 g | 10 kg | |
| Power | Four AA batteries* | | | |
| Warranty | Two-year Limited Warranty | | | |
| Return Policy | A&D Weighing Standard Policy - restock fee may apply | | | |
| UNIT OF MEASURE | Decimal Ounce | 10.580 x 0.005 oz | 105.80 x 0.05 oz | 423.2 x 0.2 oz |
| | Decimal Pound | 0.6615 x 0.0005 lb | 6.615 x 0.005 lb | 26.46 x 0.02 lb |
| | Troy Ounce | 9.645 x 0.005 ozt | 96.45 x 0.05 ozt | 385.8 x 0.2 ozt |
| | Pennyweight | 192.9 x 0.1 dwt | 1929 x 1 dwt | 7715 x 5 dwt |
| | Carat | 1500 x 0.5 ct | – | – |
| | Momme | 80.00 x 0.05 mom | 800 x 0.5 mom | 3200 x 2 mom |
| | Grain Unit | 4,630 x 2 GN | – | – |
| | Newtons | 2.942 x 0.0001 N | 29.42 x 0.001 N | 117.68 x 0.01 N |

*Battery life determined with backlight off with four AA batteries. The EK-EP must be used with any of the following to maintain FM integrity: Duracell AA alkaline MN 1500 LR6, Energizer AA E91 alkaline LR6 AM3, Panasonic AA alkaline LR6 (XJ). Do not mix type or new/used batteries.

Part Number/Price

| Part# | Model# | Description | Price |
|--------|-----------|----------------|---------|
| 177693 | EK-300EP | 300 g x 0.01 g | Consult |
| 177694 | EK-3000EP | 3000 g x 0.1 g | Consult |
| 177695 | EK-12KEP | 12 kg x 1 g | Consult |

Options/Accessories

| Part# | A&D Model# | Description | Price |
|--------|------------|---------------|---------|
| 177696 | EJ-12 | Carrying case | Consult |