NEW
Platform Scales

FG Series

Just 1 Second

FG-150KAL
FG-150KAL
FG-60KAL
FG-60KAL
FG-31KAM
FG-31KAM
FG-30KAM
FG-30KAM
FG-150KBM
FG-150KBM
FG-60KBM
FG-60KBM
FG-31KBM
FG-31KBM
FG-30KBM
FG-30KBM

A&D Australasia
"Excellence in Measurement"
http://www.andaustralasia.com.au
The New FG series accomplishes fast weighing response time and an excellent feature of a three weighing resolution function enables from Normal resolution of 1/3000, High resolution of 1/6000 (or any weighing demand.

**FG-31KBM**
**FG-30KBM**
**FG-60KAM**
**FG-150KAM**

**FG-60KAL**
**FG-150KAL**

**FG-31KBM**
**FG-30KBM**
**FG-60KBM**
**FG-150KBM**
Accurate results to suit any weighing applications. Furthermore, it's up to the user to select the weighing resolution in the Function setting: Normal resolution (1/7500) and Higher resolution of 1/12000 (or 1/15000), to meet specific requirements.

**Three weighing resolutions**
Selectable from Normal resolution (1/3000), High resolution (1/6000 for 30kg and 60kg weighing capacity) and Higher resolution (1/12000 for 60kg and 1/15000 for 30kg and 150kg weighing capacity) by function setting. Special 30kg x 1g models available.

**Counting function**
Useful in piece counting applications with sample size of 5, 10, 20, 50 and 100 pcs for unit weight registration.

**Comparator function**
HI / OK / LO comparator indication and optional comparator relay output (FG-24) for checkweighing applications.

**Calibration function**
Easy and simple to calibrate the scale with external calibration mass for accurate weighing.

**Auto-power OFF function**
Saves power consumption by automatically switching itself off when the scale displays zero for approx. five minutes.

**Selectable two sizes of stainless steel weighing pan**
Stainless steel weighing pan is easy to clean and weighing pan of size of M size (300 x 380mm) or L size (390 x 530mm) can be selected.

**Two types of power supply**
AC Adapter for permanent installation applications or dry batteries of 4 x C size (R14P/LR14) for applications in locations with no AC power supply.

**Low power supply indication function**
Easy to know when power supply is low with the display of “Lb1” for AC power supply and “Lb0” for dry batteries.

**Filtering function**
Filtering levels of Slow, Normal and Fast are selectable to suit weighing environment conditions.

**Leveling foot and Leveling bubble**
Easy and simple to adjust the level of the scale for accurate weighing.

**Display column and Tilt display pod**
The column and tilting angle of the display unit is adjustable for better reading of display.

**Status indicator function**
The display has status indicators of Stable, Net and Zero for easy operation.

**Power – ON Zero function**
Takes Zero as its center when power is ON for accurate weighing.

**Gravity acceleration correction function**
Adjustable gravity acceleration for accurate weighing.

**Optional RS-232C and Comparator Output**
Easy to connect peripherals such as printer, comparator light and computer for weighing system applications.
# FG Series Specifications

<table>
<thead>
<tr>
<th>FG-31KAM</th>
<th>FG-31KBM</th>
<th>FG-30KAM</th>
<th>FG-30KBM</th>
<th>FG-60KAM</th>
<th>FG-60KBM</th>
<th>FG-150KAM</th>
<th>FG-150KBM</th>
<th>FG-60KAL</th>
<th>FG-150KAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight capacity (kg)</td>
<td>30</td>
<td>30</td>
<td>60</td>
<td>150</td>
<td>60</td>
<td>150</td>
<td>60</td>
<td>150</td>
<td></td>
</tr>
<tr>
<td>Min. display (kg)</td>
<td>0.001</td>
<td>0.01</td>
<td>0.02</td>
<td>0.05</td>
<td>0.02</td>
<td>0.05</td>
<td>0.02</td>
<td>0.05</td>
<td></td>
</tr>
<tr>
<td>Weight capacity (lbs)**</td>
<td>60</td>
<td>60</td>
<td>150</td>
<td>300</td>
<td>150</td>
<td>300</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Min. display (lbs)**</td>
<td>0.01</td>
<td>0.01</td>
<td>0.02</td>
<td>0.05</td>
<td>0.02</td>
<td>0.05</td>
<td>0.02</td>
<td>0.05</td>
<td></td>
</tr>
<tr>
<td>Weight capacity (oz)**</td>
<td>960</td>
<td>960</td>
<td>2400</td>
<td>4800</td>
<td>2400</td>
<td>4800</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Min. display (oz)**</td>
<td>0.5</td>
<td>0.5</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>2</td>
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<tr>
<td>No. of samples</td>
<td>5 (can be changed to 10, 20, 50 or 100) pieces</td>
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<tr>
<td>Max. counts</td>
<td>120,000 pcs</td>
<td>120,000 pcs</td>
<td>96,000 pcs</td>
<td>120,000 pcs</td>
<td>96,000 pcs</td>
<td>120,000 pcs</td>
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</tr>
<tr>
<td>Min. unit weight</td>
<td>0.25g</td>
<td>0.25g</td>
<td>0.625g</td>
<td>1.25g</td>
<td>0.625g</td>
<td>1.25g</td>
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<td></td>
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<tr>
<td>Repeatability (Std. deviation)</td>
<td>0.005kg</td>
<td>0.005kg</td>
<td>0.01kg</td>
<td>0.02kg</td>
<td>0.01kg</td>
<td>0.02kg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Linearity error</td>
<td>0.01kg</td>
<td>±0.01kg</td>
<td>±0.02kg</td>
<td>±0.05kg</td>
<td>±0.02kg</td>
<td>±0.05kg</td>
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<tr>
<td>Sensitivity drift</td>
<td>±20ppm /°C (10°C<del>30°C / 50°F</del>86°F)</td>
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<tr>
<td>Display</td>
<td>7 segment LCD display (Character height 26mm)</td>
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<tr>
<td>Display update</td>
<td>10 times per second</td>
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<td></td>
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<tr>
<td>Operating temp</td>
<td>-10°C<del>40°C / 14°F</del>104°F, less than 85% RH (no condensation)</td>
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<tr>
<td>Power supply</td>
<td>AC adapter or C size (R14P / LR14) x 4 batteries</td>
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<tr>
<td>Battery operating</td>
<td>Approximately 150 hours with alkaline dry cell battery</td>
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<tr>
<td>Weighing pan size</td>
<td>300 x 380mm / 11.8 x 15.0 inches</td>
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<tr>
<td>Dimension</td>
<td>FG-KAM: 300(W) x 624(D) x 781(H)mm / FG-KBM: 380(W) x 464(D) x 118(H)mm</td>
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<tr>
<td>Weight (approximately)</td>
<td>FG-KAM: 11.2kg / FG-KBM: 9.7kg</td>
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<tr>
<td>Calibration weight (Factory setting)</td>
<td>30kg / 60lb</td>
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</tbody>
</table>

| * Factory setting | ** U.S.A. version only |

## Options
- FG-23 RS-232C serial interface
- FG-24 RS-232C serial interface and comparator relay output

## Accessories
- AD-8121B Dot Matrix Compact Printer
- AD-8118B Universal Printer

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