

**- N - E - W -**  
*Platform Scales*

# *FG*

*Series*

**Just 1 Second**



***FG-60KBM***



***FG-30KAM***



***FG-150KAL***

FG-150KAL

FG-60KAL

FG-150KAM

FG-60KAM

FG-30KAM

FG-150KBM

FG-60KBM

FG-30KBM



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# Fast Weighing Response for Efficient Weighing



The New FG series accomplishes fast weighing response time and an excellent feature of a three weighing resolution function enables switching from Normal resolution of 1/3000, High resolution of 1/6000 (or any weighing demand).



**FG-30KAM**  
**FG-60KAM**  
**FG-150KAM**

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

**FG-30KBM**  
**FG-60KBM**  
**FG-150KBM**



# Response Weighing Applications!

Accurate result to suit any weighing applications. Furthermore its  
the user to select the weighing resolution in the Function setting  
1/7500) and Higher resolution of 1/12000 ( or 1/15000), to meet



## 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

## 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

|                                      | FG-30KAM<br>FG-30KBM                                                    | FG-60KAM<br>FG-60KBM | FG-150KAM<br>FG-150KBM | FG-60KAL                        | FG-150KAL     |
|--------------------------------------|-------------------------------------------------------------------------|----------------------|------------------------|---------------------------------|---------------|
| Weight capacity (kg)                 | 30                                                                      | 60                   | 150                    | 60                              | 150           |
| Min. display (kg)                    | 0.01                                                                    | 0.02                 | 0.05                   | 0.02                            | 0.05          |
|                                      | 0.005*                                                                  | 0.01*                | 0.02*                  | 0.01*                           | 0.02*         |
|                                      | 0.002                                                                   | 0.005                | 0.01                   | 0.005                           | 0.01          |
| Weight capacity (lb)**               | 60                                                                      | 150                  | 300                    | 150                             | 300           |
| Min. display (lb)**                  | 0.02                                                                    | 0.05                 | 0.1                    | 0.05                            | 0.1           |
|                                      | 0.01*                                                                   | 0.02*                | 0.05*                  | 0.02*                           | 0.05*         |
|                                      | 0.005                                                                   | 0.01                 | 0.02                   | 0.01                            | 0.02          |
| Weight capacity (oz)**               | 960                                                                     | 2400                 | 4800                   | 2400                            | 4800          |
| Min. display (oz)**                  | 0.5                                                                     | 1                    | 2                      | 1                               | 2             |
|                                      | 0.2*                                                                    | 0.5*                 | 1*                     | 0.5*                            | 1*            |
|                                      | 0.1                                                                     | 0.2                  | 0.5                    | 0.2                             | 0.5           |
| No. of samples                       | 5 (can be changed to 10, 20, 50 or 100 ) pieces                         |                      |                        |                                 |               |
| Max. counts                          | 120,000 pcs                                                             | 96,000 pcs           | 120,000 pcs            | 96,000 pcs                      | 120,000 pcs   |
| Min. unit weight                     | 0.25g                                                                   | 0.625g               | 1.25g                  | 0.625g                          | 1.25g         |
| Repeatability (Std. deviation)       | 0.005kg                                                                 | 0.01kg               | 0.02kg                 | 0.01kg                          | 0.02kg        |
| Linearity error                      | ±0.01kg                                                                 | ±0.02kg              | ±0.05kg                | ±0.02kg                         | ±0.05kg       |
| Sensitivity drift                    | ±20ppm / °C (10°C~30°C / 50°F~86°F)                                     |                      |                        |                                 |               |
| Display                              | 7 segment LCD display (Character height 26mm)                           |                      |                        |                                 |               |
| Display update                       | 10 times per second                                                     |                      |                        |                                 |               |
| Operating temp                       | -10°C~40°C / 14°F~104°F, less than 85% RH (no condensation)             |                      |                        |                                 |               |
| Power supply                         | AC adapter or C size (R14P / LR14) x 4 batteries                        |                      |                        |                                 |               |
| Battery operating                    | Approximately 150 hours with alkaline dry cell battery                  |                      |                        |                                 |               |
| Weighing pan size                    | 300 x 380mm / 11.8 x 15.0inches                                         |                      |                        | 390 x 530mm / 15.4 x 20.9inches |               |
| Dimension                            | FG-KAM: 300(W) x 624(D) x 781(H)mm / FG-KBM: 380(W) x 464(D) x 118(H)mm |                      |                        | 390(W) x 771(D) x 781(H)mm      |               |
| Weight (approximately)               | FG-KAM: 11.2kg / FG-KBM: 9.7kg                                          |                      |                        | 16.4kg                          |               |
| Calibration weight (Factory setting) | 30kg / 60lb                                                             | 60kg / 150lb         | 150kg / 300lb          | 60kg / 150lb                    | 150kg / 300lb |

\* 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



AD-8121B



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