

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

# **FG**

*Series*



**Just 1 Second**



***FG-150KAL***



***FG-30KAM***



***FG-60KBM***

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FG-150KAL

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FG-60KAL

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FG-150KAM

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FG-60KAM

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FG-30KAM

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FG-150KBM

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FG-60KBM

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FG-30KBM



**AND** ...Clearly a Better Value  
A&D Company, Limited  
<http://www.aandd.jp>

# 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 it to meet any weighing demand from Normal resolution of 1/3000, High resolution of 1/6000 (or any weighing demand).



STABLE  
NET  
ZERO  
Comparator indicators

Just 1 Second

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

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

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



# sponse hing Applications!

l 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 FG-30KBM	FG-60KAM FG-60KBM	FG-150KAM 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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