Platform Scales

FG
Series

Just 1 Second

FG-150KAL

FG-30KAM

FG-60KBM

A&D Australasia "Excellence in Measurement"

http://www.andaustralasia.com.au

Fast Weighing Response for Efficient Weighing Applications!

Just 1 Second

STABLE
NET
ZERO
Comparator indicators

FG-31KAM
FG-30KAM
FG-60KAM
FG-150KAM

FG-60KAL
FG-150KAL

FG-31KBM
FG-30KBM
FG-60KBM
FG-150KBM

888 LCD Display
FDC Full Digital Calibration
RS-232C
COMPARATOR
OFF

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 COMPARATOR

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

Calibration function FDC Full Digital Calibration

Easy and simple to calibrate the scale with external calibration mass for accurate weighing

Auto-power OFF function ◀OFF▶

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 RS-232C

Easy to connect peripherals such as printer, comparator light and computer for weighing system applications

FG Series Specifications

	FG-31KAM FG-31KBM	FG-30KAM FG-30KBM	FG-60KAM FG-60KBM	FG-150KAM FG-150KBM	FG-60KAL	FG-150KAL
Weight capacity (kg)	30	30	60	150	60	150
Min. display (kg)	0.001	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	60	150	300	150	300
Min. display (lb)**	0.02	0.02	0.05	0.1	0.05	0.1
	0.01*	0.01*	0.02*	0.05*	0.02*	0.05*
	0.005	0.005	0.01	0.02	0.01	0.02
Weight capacity (oz)**	960	960	2400	4800	2400	4800
Min. display (oz)**	0.5	0.5	1	2	1	2
	0.2*	0.2*	0.5*	1*	0.5*	1*
	0.1	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	120,000 pcs	96,000 pcs	120,000 pcs	96,000 pcs	120,000 pcs
Min. unit weight	0.25g	0.25g	0.625g	1.25g	0.625g	1.25g
Repeatability (Std. deviation)	0.005kg	0.005kg	0.01kg	0.02kg	0.01kg	0.02kg
Linearity error	0.01kg	±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	30kg / 60lb	60kg / 150lb	150kg / 300lb	60kg / 150lb	150kg / 300lb

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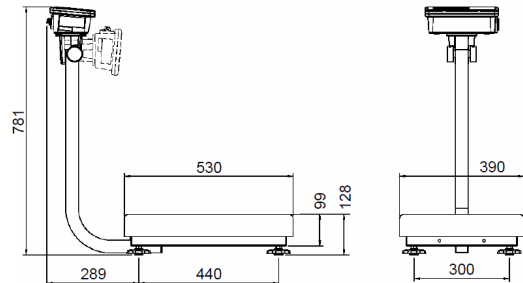****** U.S.A. version only

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