

FG SERIES PLATFORM SCALES

The FG Series accomplishes fast weighing response times and accurate results to suit any weighing applications. Its excellent three weighing resolution function enables the user to select the weighing resolution in the Function setting from Normal resolution of 1/3,000, High resolution of 1/6,000 (or 1/7,500) and Higher resolution of 1/12,000 (or 1/15,000), to meet any weighing demand.

HIGHLIGHTS

- **Three Weighing Resolutions**
Selectable from Normal Resolution (1/3,000), High Resolution (1/6,000 for 30kg and 60kg Weighing Capacity) and Higher Resolution (1/12,000 for 60kg and 1/15,000 for 30kg and 150kg Weighing Capacity) by Function Setting
- **Counting Function**
Useful in Piece Counting Applications with Sample Sizes of 5, 10, 20, 50 and 100 Pieces for Unit Weight Registration
- **Comparator Function**
HI / OK / LO Comparator Indication and Optional Comparator Relay Output (Option FG-24) for Check-Weighing 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 Approximately Five Minutes

by

A&D
A&D MERCURY PTY LTD



FG-150KAL

FG-30KAM

FG-60KBM



MODEL CODE

FG - [] [] [] K [] []

Series

Capacity:
30 = 30kg
60 = 60kg
150 = 150kg

Configuration:
A = Indicator on Column
B = Indicator on Base

Base Size:
M = 300mm x 380mm
L = 390mm x 530mm

SPECIFICATIONS

MODEL		FG-30KAM FG-30KBM	FG-60KAM FG-60KBM	FG-150KAM FG-150KBM	FG-60KAL	FG-150KAL
Weighing Capacity		30kg	60kg	150kg	60kg	150kg
Resolution	Normal	0.01kg	0.02kg	0.05kg	0.02kg	0.05kg
	High ¹	0.005kg	0.01kg	0.02kg	0.01kg	0.02kg
	Higher	0.002kg	0.005kg	0.01kg	0.005kg	0.01kg
Number of Samples in Counting Mode		Can be Selected from 5 (default), 10, 20, 50 or 100 Units				
Maximum Count Number		120,000 Pieces	96,000 Pieces	120,000 Pieces	96,000 Pieces	120,000 Pieces
Repeatability		0.005kg	0.01kg	0.02kg	0.01kg	0.02kg
Linearity		±0.01kg	±0.02kg	±0.05kg	±0.02kg	±0.05kg
Span Drift		20ppm/°C Typical (5°C ~ 35°C)				
Display		7-Segment, Liquid Crystal Display, Character Height 26mm				
Display Update Rate		10 Times per Second				
Ambient Conditions		-10°C ~ 40°C, Less than 85% Relative Humidity (Non-Condensing)				
Power Supply		AC Adaptor or 4 x C Size Batteries				
Battery Life		Approximately 150 Hours with Alkaline Dry Cell Battery				
Weighing Pan Size		300mm x 380mm			390mm x 530mm	
Dimension (W x D x H)		FG-KAM: 300mm x 624mm x 781mm FG-KBM: 380mm x 464mm x 118mm			390mm x 771mm x 781mm	
Mass of Scale		FG-KAM: 11.2kg, FG-KBM: 9.7kg			16.4kg	

¹ Factory Setting

OTHER FEATURES

- **Two Pan Sizes to Choose From**
Easy-to-Clean Stainless Steel Weighing Pan: Size M (300mm x 380mm) or Size L (390mm x 530mm)
- **Two Types of Power Supplies**
AC Adaptor for Permanent Installation Applications or Dry Batteries of 4 x C Size for Applications in Locations with No AC Power Supply
- **Low Power Supply Indication Function**
Easy to Know When the 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
- **Levelling Foot and Levelling 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 Centre 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

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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