

-N-E-W-
Platform Scales

FG

Series

Just 1 Second



FG-150KAL



FG-30KAM



FG-60KBM

FG-150KAL

FG-60KAL

FG-150KAM

FG-60KAM

FG-30KAM

FG-150KBM

FG-60KBM

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).



Just 1 Second

STABLE
NET
ZERO
Comparator indicators

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

A&D

...Clearly a Better Value

A&D Company, Limited

3-23-14 Higashi-Ikebukuro, Toshima-ku, Tokyo 170-0013 JAPAN
Telephone:[81](3) 5391-6132 Fax:[81](3) 5391-6148
http://www.aandd.jp

A&D ENGINEERING, INC.

1555 McCandless Drive, Milpitas, CA. 95035 U.S.A.
Telephone:[1](408) 263-5333 Fax:[1](408) 263-0119

A&D MERCURY PTY. LTD.

32 Dew Street, Thebarton, South Australia 5031 AUSTRALIA
Telephone:[61](8) 8301-8100 Fax:[61](8) 8352-7409

A&D INSTRUMENTS LTD.

Unit 24/26 Blacklands Way Abingdon Business Park,
Abingdon, Oxon OX14 1DY United Kingdom
Telephone:[44](1235) 550420 Fax:[44](1235) 550485

<German Sales Office>

Große Straße 13 b 22926 Ahrensburg GERMANY
Telephone:[49](0) 4102 459230 Fax:[49](0) 4102 459231

A&D KOREA Limited

Manhattan Bldg. 8F, 36-2 Yoido-dong, Youngdeungpo-gu, Seoul, KOREA
Telephone:[82](2) 780-4101 Fax:[82](2) 782-4280

ALYS Labware, Lausanne

Tel : +41 21 312 42 60

Fax : +41 21 312 42 61

labware@alys-technologies.com