

**NEW**  
*Waterproof Checkweighing Scales*

# *FS-i*

*Series*



FS-6Ki  
FS-15Ki  
FS-30Ki

**AND** ...Clearly a Better Value

A&D MERCURY PTY. LTD.

<http://www.andmercury.com.au>

# Ultra-fast weighing response of just 0.5 secs to easily identify weighing results and improve

Display unit and weighing pan enclosed in IP65 approved waterproof stainless steel for an easy to clean unit.



## Ultra-Fast Weighing

No time wasted with high-speed weighing stability of only 0.5 secs

## IP65 IP65 Dustproof & Waterproof

Simple to keep the FS-1 clean with IP65 approved washable stainless steel display unit and weighing pan



## Comparator function

Simply input the Target Weight by placing a sample on the weighing pan, by pressing the 10-key pad or by setting the HI and LO limit in weight or percentage

## Comparator lights

3 different colored lights indicate comparison results of LO in red, OK in green and HI in yellow for fast and easy checkweighing result verification

## Analog Sweep Display (ASD)

60-segment analog sweep display shows Simple Weighing Display mode, Target Weighing Display mode, Limit Checkweighing Display mode and Analog Display Off mode

No sample on the pan



Half of FS-i's full weighing capacity on the pan



### Simple weighing display

The Simple weighing display shows the weight of the sample on the pan marked at the halfway point of the 60 segment ASD, which is simply illustrating that the sample is half of the pan's full weighing capacity.



### Target weighing display

The Target weighing display marks the target weight (in this case, half of the full weighing capacity) at segment 40 of the ASD offering clear and useful target results for filling applications.



### Limit Check weighing display

The Limit Check weighing display marks the limit between segments 20 and 40 (in this case, the weight is half of the full weighing capacity) for easy identification of LO, OK and HI results.



### Analog display OFF

with 3 comparator lights  
 ve productivity.



**888** **Backlight function**

Large bright 18.6mm high display and 60-segment analog sweep display both have backlights making it easy to read the display even in dim light

**Three weighing resolutions**

Selectable weighing resolutions of 1/3000 of normal resolution, 1/6000 or 1/7500 of high resolution, and 1/12000 or 1/15000 of higher resolution to meet user requirements

**Multi weighing unit**

Kg, g, lb, oz and lb-oz are selectable for user's weighing applications

**Pre-set TARE function**

Easy to key in the TARE weight to deduct the container before use

**Sealed Lead Acid rechargeable battery (6V, 4Ah)**

Optional SLA battery (HC-02) can operate for up to 80 hours after being fully charged for about 15 hours

**Auto power OFF function**

The display automatically turns OFF when zero is displayed for approximately 5 minutes as a power saving function

**Memory function**

100 Target Weight memory function and HI and LO limits for diverse checkweighing applications

**Two way power supply**

AC main power supply and optional Sealed Lead Acid rechargeable battery are available

**Simple** **Simplified operation mode**

Users can select the simplified operation mode using function settings to activate only the ON/OFF, ZERO, TARE, SAMPLE and PRINT/ENT keys or only the ON/OFF, ZERO and TARE keys to avoid any unexpected errors

**FDC** **Calibration function**

Easy and simple to calibrate the FS-i series with a calibration standard mass for accurate weighing

**Interface and relay output**

RS-232C with Relay output (FS-03) and RS-422/485 with Relay output (FS-04) are available as optional interfaces to expand weighing data acquisition applications and automated weighing system applications

**Buzzer Function** **Buzzer function**

A buzzer sounds when each key is pressed and the comparator function activates to indicate comparison results

**UFC** **UFC function**

Flexibility of printout formatting available with Universal Flex Coms function

**Leveling function**

Easy to adjust using four leveling feet with a spirit level for more accurate weighing

**NSF** **NSF compliance**

Designed to meet NSF (National Sanitation Foundation in the US) food industry regulations

• Approved for Trade Certificate No. TBA



## Specifications

	FS-6Ki	FS-15Ki	FS-30Ki
Weight capacity (kg)	6	15	30
Min. display (kg)	0.0005	0.001	0.002
	0.001	0.002	0.005
	0.002*	0.005*	0.01*
Weight capacity (lb)	15	35	70
Min. display (lb)	0.001	0.002	0.005
	0.002	0.005	0.01
	0.005*	0.01*	0.02*
Weight capacity (oz)	240	560	1120
Min. display (oz)	0.02	0.05	0.1
	0.05	0.1	0.2
	0.1*	0.2*	0.5*
Repeatability	0.001kg	0.002kg	0.005kg
Non-linearity	±0.002kg	±0.005kg	±0.01kg
Span drift	±20ppm /°C (5°C-35°C / 41°F-95°F)		
Display	7 segment LCD (18.6 mm height) with Back Light +60 segments Analog Sweep Display with Back Light		
Display update	20 times per second		
Operating temperature	-10°C-40°C / 14°F-104°F, less than 85% RH (no condensation)		
Power supply	AC main (100V-240V) or SLA Rechargeable Battery (Option) Battery Life: Approx. 80h (no back light, no lamp, no interface)		
Weighting pan size	250 x 250mm / 9.8 x 9.8inches		380 x 300mm / 15.0 x 11.8inches
Dimensions	250(W) x 414(D) x 496(H)(mm)		380(W) x 464(D) x 496(H)(mm)
	9.8(W) x 16.3(D) x 19.5(H)(inches)		15.0(W) x 18.3(D) x 19.5(H)(inches)
Weight (approximate)	8.1kg / 18.7lb		14.9kg / 34.3lb
Calibration weight (factory setting)	6kg / 15lb	15kg / 30lb	30kg / 60lb

\* Factory setting

## Options

- HC-02i** Sealed Lead Acid rechargeable battery (6V, 4Ah)  
**FS-03i** RS-232C + Relay Output  
**FS-04i** RS-422/485 + Relay Output

## Accessories

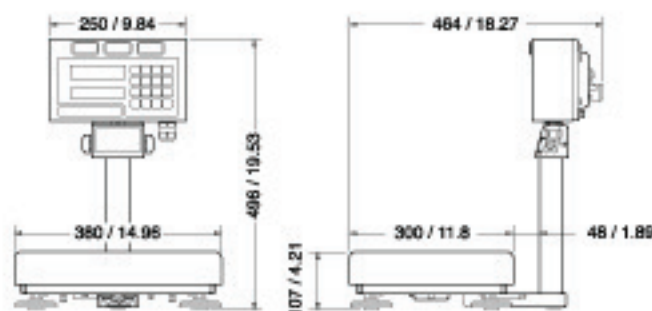
- AD-8121B** Compact Printer  
**AD-8118B** Journal Printer



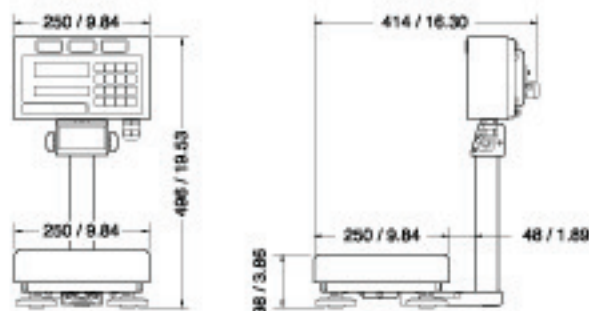
AD-8121B

## External Dimensions (mm/Inches)

### FS-30Ki



### FS-6ki / FS-15Ki



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