

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-i clean with IP65 approved washable stainless steel display unit and weighing pan



Comparator function

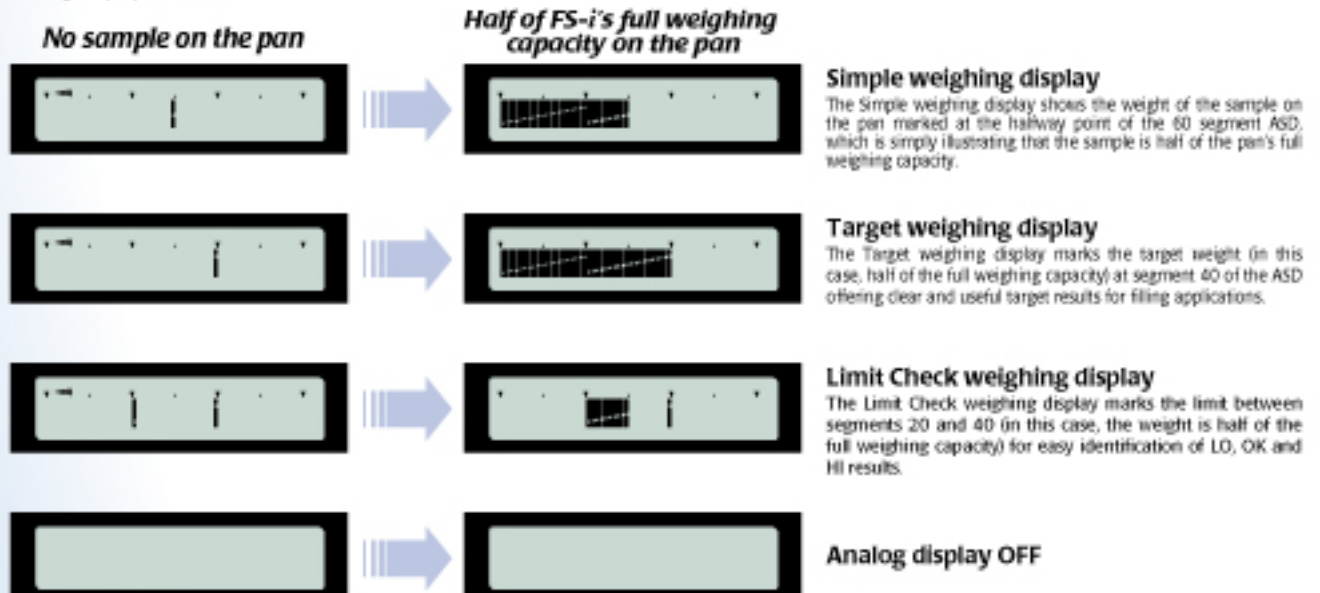
Simply input the Target Weight by placing a sample on the weighing pan, by pressing the 10-key pad or by setting the HI and LO limit in weight or percentage

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



with 3 comparator lights
ive 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	0.001 kg	0.002 kg	0.005 kg
Non-linearity	±0.002 kg	±0.005 kg	±0.01 kg
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 9.8 inches		380 x 300mm / 15.0 x 11.8 inches
Dimensions	250(W) x 414(D) x 496(H) (mm) 9.8(W) x 16.3(D) x 19.5(H) (inches)		380(W) x 464(D) x 496(H) (mm) 15.0(W) x 18.3(D) x 19.5(H) (inches)
Weight (approximate)	8.1 kg / 18.7 lb		14.9 kg / 34.3 lb
Calibration weight (factory setting)	6 kg / 15 lb	15 kg / 30 lb	30 kg / 60 lb

* 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



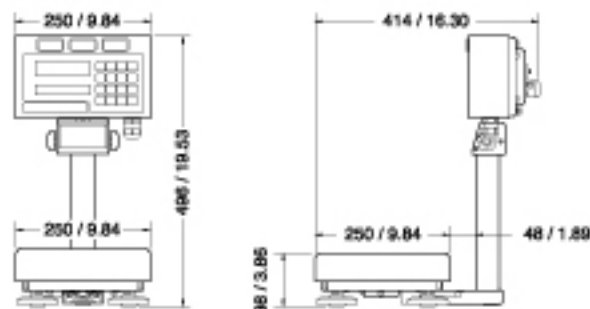
AD-8121B

External Dimensions (mm/Inches)

FS-30ki



FS-6ki / FS-15Ki



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