



# FS-D WEIGHING INDICATOR

The FS-D indicator is ideal for today's food processing industry and busy production environments. The 0.5 second measurement time and bright three color lights mean quick weighing and error-free comparator judgments. The refresh rate of 20 times/second allows fast data acquisition using optional serial interfaces. The FS-D comes with a desktop/wall mount stand and connector plug for use with platforms from A&D Weighing and most manufacturers.

## Stainless Steel and IP65 Water & Dustproof Construction

NSF certified and easy to wash and keep hygienic, the FS-D is reliable under harsh conditions.

## Auto-tare Function

Eliminate repeatedly pressing the TARE key in consecutive measurements – the FS-D can automatically perform a tare each time the weight reaches a target range.

## Negative Comparison

You can now compare negative values by removing weights from the scale.

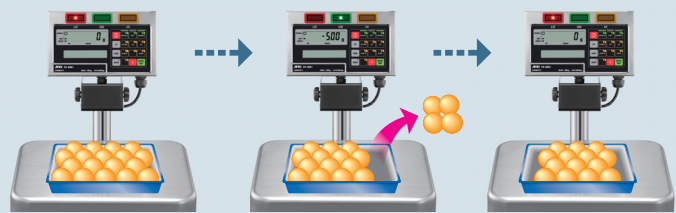
## Eight Fixed Capacities

Models can be configured to one of the following eight capacities in 3 different resolutions that range from 1/3000 to 1/12,000 to 1/15,000.

Fixed Capacities	Resolution		
	Low	Med.	High
6 kg	3,000	6,000	12,000
15 kg		7,500	15,000
30 kg		6,000	12,000
60 kg		7,500	15,000
150 kg		6,000	12,000
300 kg		7,500	15,000
600 kg		6,000	12,000
1,500 kg		7,500	15,000

## Take-away Check Weighing

Use the auto-tare and negative comparison functions together, to perform "take-away" check weighing. This is a convenient way to measure out the same amounts from a container.



Tare the initial weight (either manual or automatic).

Remove items to reach the target weight.

The scale performs tare automatically and returns the display to zero.

## FS-D Specifications

Model	FS-D	
Input sensitivity	0.2 $\mu$ V / d (d: the smallest min. display of kg)	
Input signal range	0 mV to 13 mV	
Weighing resolutions	1/3,000, 1/6,000 (or 1/7,500), and 1/12,000 (or 1/15,000)*	
Load cell excitation voltage	DC 5 V $\pm$ 5% (no remote sensing)	
Load cell drive capacity	Up to four 350 $\Omega$ load cells	
Temperature coefficient	Zero	$\pm$ (0.2 $\mu$ V $\pm$ 0.001% of zero adjustment voltage) / $^{\circ}$ C (typ.)
	Span	$\pm$ 0.001% / $^{\circ}$ C of reading (typ.)
Available units of weighing	lb, kg, g, oz, and lb-oz	
Linearity	$\pm$ 0.01% of full scale	
Memory Capacity	100 sets of comparator limits	
Display	7-segment LCD (Character height: 18.6 mm) with backlight	
Dimensions	250 (W) x 202 (D) x 266 (H) mm 9.8 (W) x 8.0 (D) x 10.5 (H) in.	
Power supply	AC main (100 V to 240 V) or SLA rechargeable battery (option), approx. 80 hours (depends on usage)	

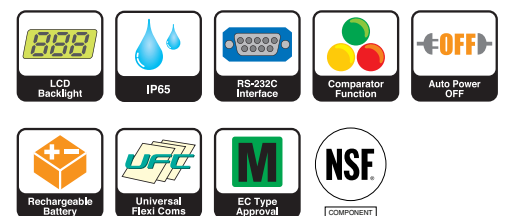
\*Only one can be selected at a time.

Specifications subject to change without notice.

## Options

- HC-06i Sealed lead acid (SLA) rechargeable battery (6 V, 4 Ah)
- FS-03i \*\* RS-232C + comparator relay output
- FS-04i \*\* RS-422 / 485 + comparator relay output

\*\* FS-03i and FS-04i cannot be used at the same time.



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