

FC-i

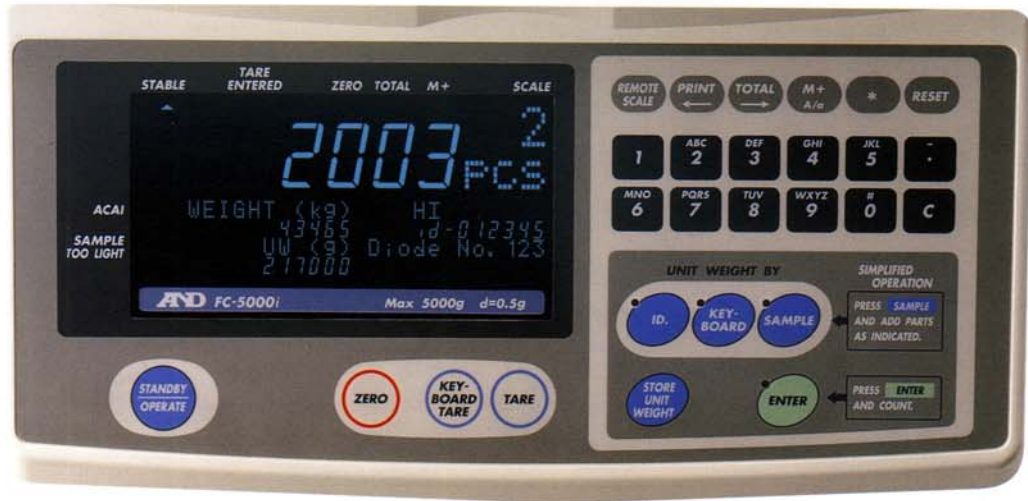
Series

Counting Scales



AND
A&D WEIGHING
...Clearly a Better Value

Versatile, powerful features suit all applications...
from simple, basic counting to sophisticated inventory data management



1 Million Internal Resolution (FC-i models)

5 Million Internal Resolution (FC-Si models)



FC-i Series

FC-i Features:

A&D Weighing has long been a world leading manufacturer of counting scales. The FC-i family of counting scales expands upon the former, popular FC design with higher resolution and more powerful performance features. Thanks to A&D's unique Super Hybrid Sensor (SHS) technology, the FC-Si models have a remarkable internal resolution of FIVE million parts.

All FC-i and FC-Si models utilize ACAI, A&D's exclusive Automatic Count Accuracy Improvement. ACAI combines the two most critical performance requirements of a counting scale: count accuracy and operation expediency. Initial Average Piece Weight can be determined through an operator's choice of fixed, random, keyboard entry, or memory recall.



Rechargeable Battery

Rechargeable Battery Option for portable operation.



Remote Scale

Remote Scale Option using A&D SB Platforms or most other manufacturers' load cell platforms.

- 500 ID Memories with 6 Digit ID stores unit weight, tare weight, comparator limits, accumulator and 12 digit alphanumeric ID code/name.
- Four simple modes for determining Average Piece Weight; Sample Count (5, 10, 25, 50, 100, random), 10-key Input, ID Recall or Computer Input.
- LED Prompting Navigation System for intuitive operator use virtually eliminates operator training time.
- Large bright VFD Display simultaneously displays count, weight, comparator result, unit weight, ID #, and item code. (up to 12 alphanumeric characters)
- Automatic Counting Accuracy Improvement (ACAI) ensures quick, high count accuracy with minimal hand sample count.
- Standard bi-directional RS-232C Interface with optional 2nd & 3rd Interfaces provide interface to document or bar code printers, bar code readers and computers.
- Universal Flex Com (UFC) Setup Software allows user to format printer output data.
- Comparator Function (Hi/OK/Lo) makes kitting and checkweighing easy. Displayed status is standard. Buzzer and relay outputs are optional.
- Rugged Aluminum Die-Cast Frame Housing with Splash proof Display and Keyboard.
- Full Digital Calibration.



FC-i Series Specifications

FC-i	FC-500Si	FC-5000Si	FC-500i	FC-1000i	FC-2000i	FC-5000i	FC-10Ki	FC-20Ki	FC-50Ki
Capacity (metric)	500 g	5 kg	500 g	1 kg	2 kg	5 kg	10 kg	20 kg	50 kg
Display Resolution (g)	0.02	0.2	0.05	0.1	0.2	0.5	1	2	5
Capacity (lb)	1	10	1	2	5	10	20	50	100
Display Resolution (lb)	0.00005	0.0005	0.0001	0.0002	0.0005	0.001	0.002	0.005	0.01
Min Sample Unit Weight	0.0001g	0.001g	0.0005 g	0.001g	0.002 g	0.005g	0.01g	0.02g	0.05g
Weight Sensor	Super Hybrid Sensor (SHS)			Strain Gauge Load Cell					
Internal Resolution	5 million			1 million					
Sample Size	10 pieces normal - 5, 25, 50, 100 or random number, user selectable								
Sensitivity Drift	0.001%/°C (5°C ~ 35°C) typ.			0.002%/°C (5°C ~ 35°C) typical					
Operating Temp.	5°C ~ 40°C (→85% RH)			-10°C ~ 40°C (→85% RH)					
Display	7 segment / 5 x 7 dot Vacuum Florescent Display (VFD)								
Power	100, 120, 220, 240 VAC 50/60Hz (AC Adapter) or optional NiMH Battery Pack - Operating time approximately 10 hours (main scale only)								
Pan Size (mm)	128 x 128	165 x 165	200 x 150			300 x 280			
Pan Size (inch)	5.0 x 5.0	6.5 x 6.5	8 x 6			11.8 x 11			
Dimensions DWH (mm)						330 x 462 x 106			
Dimensions DWH (inch)						13.0 x 18.2 x 4.6			
Weight (kg)	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.5
Weight (lb)	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	16.5
Calibration Weight	500 g	5 kg	500 g	1 kg	2 kg	5 kg	10 kg	20 kg	50 kg
Accessories	Instruction Manual, AC Adapter, Breeze Break (FC-500Si only)								

Specifications are subject to change for improvement without notice.

Options:

- FC-02i NiMH Battery Pack
- FC-03i 2nd & 3rd RS-232C Interfaces
- FC-04i 2nd RS-232C & Comparator Relay Outputs
- FC-05i Remote Scale Interface
- CC:110 Carry / Storage Case

Note: 1st RS-232C is standard
FC-03i and FC-04i cannot co-exist

Accessories:

- AD-1191 Dot Matrix Compact Printer
- AD-8121 Dot Matrix Compact Printer
- AD-8118A Journal Printer
- AD-8118B Universal Printer
- AD-8951 Comparator Light
- SB Remote Platforms
- UFC Software (Free Download <http://www.andweighing.com/downloads.cfm>)



AD-1191 Dot Matrix Compact Printer