

# High Resolution Counting Scale

**Powerful  
Counting  
Features!**



AND COUNTING SCALE FC-i

## Features

- High Resolution:  
1/5 million internal for FC-Si models,  
1/1million internal for FC-i models
- 500 Memories (with 6 digit ID) to store and retrieve up to Unit Weights, tare weights, alphanumeric names/codes (12 digits), accumulators & comparator limits
- Optional Remote Scale Connector (FC-05i) allows easy connection to a remote platform
- Standard bi-directional RS-232C interface with optional 2<sup>nd</sup> & 3<sup>rd</sup> interfaces
- LED Display steps operator through the proper keys without a manual
- Simplified Operation Mode disables all but essential keys
- Optional Hi/Go/Lo Comparator Function with built-in buzzer makes checkweighing easy
- Four Displays always show weight, average piece weight, piece count, item code, tare weight and accumulator
- ACAI Counting Function continuously updates the average piece weight. Provides increased accuracy for parts with inconsistent weights
- Display prompting eliminates operator errors and maximizes count accuracy
- Optional NiMH built-in Battery Pack allows recharge while unit is still in use
- 1" high Count display is unmistakable

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



**Specifications – FC-Si Series** (5 Million Internal Resolution – SHS Technology)

Model	FC-500Si	FC-5000Si
Capacity (metric)	500 g	5 kg
Display Resolution (g)	0.02 g	0.2 g
Capacity (lb)	1	10
Display Resolution (lb)	0.00005	0.0005
Min. Unit Weight Unit	0.0001 g	0.001g
Sensitivity Drift	0.001%/°C (5°C ~ 35°C) typical	
Calibration Weight	500 g	5 kg
Pan Size	128 x 128 mm / 5 x 5"	165 x 165 mm / 6.5 x 6.5"

**Specifications – FC-i Series** (1 Million Internal Resolution – Load Cell Technology)

Model	FC-500i	FC-1000i	FC-2000i	FC-5000i	FC-10Ki	FC-20Ki	FC-50Ki
Capacity (metric)	500 g	1 kg	2 kg	5 kg	10 kg	20 kg	50 kg
Display Resolution (g)	0.05 g	0.1 g	0.2 g	0.5 g	1 g	2 g	5 g
Capacity (lb)	1	2	5	10	20	50	100
Display Resolution (lb)	0.0001	0.0002	0.0005	0.001	0.002	0.005	0.01
Min. Unit Weight Unit	0.0005 g	0.001g	0.002 g	0.005 g	0.01g	0.02 g	0.05 g
Sensitivity Drift	0.002%/°C (5°C ~ 35°C) typical						
Calibration Weight	500 g	1 kg	2 kg	5 kg	10 kg	20 kg	50 kg
Pan Size	200 x 150 mm / 8 x 6"		300 x 280 mm / 11.8 x 11.0"				

**Additional Specifications of all FC-Si & FC-i Models**

Sample Size	10 pieces normal - 5, 25, 50, 100 or random number, user selectable
Display	7 segment / 5 x 7 dot Vacuum Florescent Display (VFD)
Dimensions (DWH)	330 x 462 x 106 mm / 13.0 x 18.2 x 4.6 inches
Weight of Scale	6.7 kg / 14.8 lb (except FC-50Ki: 7.5 kg / 16.5 lb)
Power	100, 120, 220, 240 VAC 50/60Hz (AC Adapter) or optional NiMH Battery Pack - Operating time approx. 10 hours (main scale only)
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 2<sup>nd</sup> & 3<sup>rd</sup> RS-232C interfaces (1<sup>st</sup> RS-232C is standard)
- FC-04i ... 2<sup>nd</sup> RS-232C interface and Comparator Output I/O (1<sup>st</sup> RS-232C is standard)
- FC-05i ... Remote Scale Interface (FC-03i & FC-04i cannot co-exist)

**Accessories:**

- AD-1191 ..... Compact Printer
- AD-8118A ... Journal Printer
- AD-8118B ... Universal Printer
- AD-8951 ..... Comparator Light
- CC:110 ..... Carrying/Storage Case
- Remote (2<sup>nd</sup>) Platform Options (See A&D Weighing SB Series)

