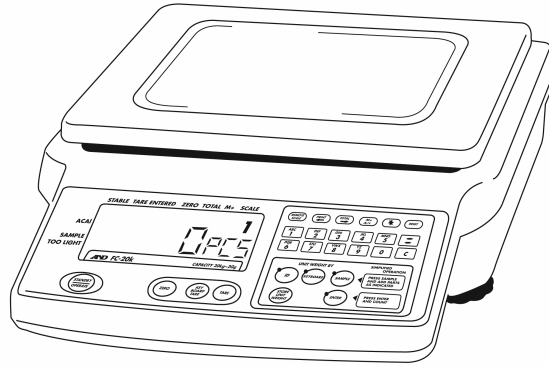


# FC-i Series

## 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



# FC-i Series Specifications

Model	FC-500Si	FC-5000Si	FC-5000i	FC-10Ki	FC-20Ki	FC-50Ki
Capacity (metric)	500 g	5 kg	5 kg	10 kg	20 kg	50 kg
Display Resolution (g)	0.02	0.2	0.5	1	2	5
Capacity (lb)	1	10	10	20	50	100
Display Resolution (lb)	0.00005	0.0005	0.001	0.002	0.005	0.01
Min. Unit Weight Unit	0.0001g	0.001g	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					
Non-linearity	± 0.02 g	± 0.2 g	± 0.05 g	± 1 g	± 2 g	± 5 g
Sensitivity Drift	0.001%/°C (5°C ~ 35°C) typ.		0.002%/°C (5°C ~ 35°C) typ.			
Operating Temperature	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 approx. 10 hours (main scale only)					
Pan Size	(mm)	128 x 128	165 x 165	315 x 270		
	(inch)	5.0 x 5.0	6.5 x 6.5	12.4 x 10.6		
Dimensions DWH	(mm)	330 x 462 x 106				
	(inch)	13.0 x 18.2 x 4.6				
Weight	(kg)	6.7				7.5
	(lb)	14.8				16.5
Calibration Weight	500 g	5 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 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-8121A... Multi-Function Printer
- AD-8951.....Comparator Light
- CC:110.....Carrying/Storage Case

## Remote 2<sup>nd</sup> Platform Options: (requires Option FC-05i)

- |             |                          |   |
|-------------|--------------------------|---|
| • SB-15K10  | 30 lb / 15 kg Capacity   | Platform Size: 12.8" (W) x 16.5" (D) x 4.1" (H) |
| • SB-60K11  | 130 lb / 60 kg Capacity  | Platform Size: 12.8" (W) x 16.5" (D) x 4.1" (H) |
| • SB-100K12 | 220 lb / 100 kg Capacity | Platform Size: 15.4" (W) x 20.8" (D) x 4.6" (H) |
| • SB-200K12 | 450 lb / 220 kg Capacity | Platform Size: 15.4" (W) x 20.8" (D) x 4.6" (H) |



