

A&D® FC-i/Si Series

High Resolution Counting Scales



Specifications

Internal Resolution:

Si Series: 1/5,000,000
FC-i Series: 1/1,000,000

Display:

Vacuum fluorescent display (VFD)
Seven segment

Power Source (included):

110 VAC 50/60 Hz AC adapter
230 VAC 50/60 Hz AC adapter

Minimum Sample Unit Weight:

500 si - 0.0001 g, 5000 si - 0.001 g
5000 si - 0.0005 g, 1000 i - 0.001 g
2000 i - 0.002 g, 5000 i - 0.005 g
10 Ki - 0.01 g, 20 Ki - 0.02 g
50 Ki - 0.05 g

Memory Items:

500 ID - six-digit ID, unit weight,
tare weight, comparator limits,
accumulator and 12-digit ID name

Weight Sensor:

Si - Super hybrid sensor (SHS)
FC-i - Strain gauge load cell

Operating Temperature:

Si: 41°F to 104°F (5°C to 40°C)
FC-i: 14°F to 104°F (-10°C to +40°C)

Dimensions:

Overall (L x W x H): 13.0 x 18.2 x 4.6 in
(330 x 462 x 117 mm)

Warranty:

Two-year limited warranty

Standard Features

- 500 ID memory storage
- LED keypad prompting for intuitive operator use
- Automatic Counting Accuracy Improvement (ACAI)
- Display function - Hi/OK/Lo
- Rugged aluminum die-cast frame with splash-proof display and keyboard

Optional Features

- Remote scale

Part Number/Price

Part #	Model #	Description	Resolution	Pan Size	Price
108351	FC-500Si	1 lb x .00005 lb (500 g x .02 g)	0.0001 g	5 x 5 in (127 x 127 mm)	Consult
108352	FC-5000Si	10 lb x .0005 lb (5 kg x .2 g)	0.001 g	6.5 x 6.5 in (165 x 165 mm)	Consult
108353	FC-1000i	2 lb x 0.0002 lb (1 kg x .1 g)	0.001 g	8 x 6 in (203 x 152 mm)	Consult
108354	FC-2000i	5 lb x 0.0005 lb (2 kg x .2 g)	0.002 g	11.8 x 11 in (300 x 279 mm)	Consult
108355	FC-5000i	10 lb x .001 lb (5 kg x .5 g)	0.005 g	11.8 x 11 in (300 x 279 mm)	Consult
108356	FC-10Ki	20 lb x .002 lb (10 kg x 1 g)	0.01 g	11.8 x 11 in (300 x 279 mm)	Consult
108357	FC-20Ki	50 lb x .005 lb (20 kg x 2 g)	0.02 g	11.8 x 11 in (300 x 279 mm)	Consult
108358	FC-50Ki	100 lb x .01 lb (50 kg x 5 g)	0.05 g	11.8 x 11 in (300 x 279 mm)	Consult

Options/Accessories

Part #	Model #	Description	Price
108360	FC-05i	Remote scale connection	Consult
97630	TB-110C	AC adapter 120 V - standard with unit	Consult
97631	TB-123	AC adapter 240 V	Consult