

Local Supplier:

Anchor Data Systems (NI) Ltd

Belfast, Co. Antrim, BT15 2GG

+44 (0) 28 9074 0315 www.AnchorData.co.uk

FX120/FX125

modular retail scales



FX120 with integral display.

Description

General

Modular free standing weight only or price computing retail scale. Interfaces to suitable printers for pre-packing operations and ECR/EPoS for use in checkout applications.

Automatic Variable Resolution (AVR) weighing capacities are optional.

The display locations are highly configurable, possible options being:

- Integral weight only.
- Remote weight only or price computing.
- Remote column mounted weight only or price computing.
- Scale column mounted weight only or price computing.
- Scale mounted price computing.

Digital indication of weight, unit price (price computing only) and total price (price computing only)

Price computing versions may be specified with or without a numeric price entry keyboard.

Fully automatic zero correction

Wide range of tare operations including retained and semi-self-cancelling.

Proven Vibrating Beam digital load cell technology provides high accuracy and resolution with fast response times.

Fully protected to meet compliance requirements for Electro-Magnetic Interference and emissions.

Quick and simple pluggable interconnection of remote display units.

Scale mounted displays (not integral) can be re-positioned by the user to any of three sides, moulded-in cable channel gives strain relief and keeps cable tidy.

Feet are fully adjustable from the side or above to allow the scale to be levelled in-situ.

Calibration can be performed without removing the scale from its installation.

Flash memory technology allows for quick and simple updates for future-proofing of product functionality.

Wide range of power supply options that include powering the scale via the serial data connection from the EPoS/ECR (where this is supported by the EPoS/ECR).

Battery compartment for location of battery option kits.

Avery Berkel

Specification

Capacities	Tare capacity (maximum)
6 kg x 1 g	3 kg
6 kg x 2 g	3 kg
7.5 kg x 1 g	3.5 kg
12 kg x 2 g	6 kg
15 kg x 2 g	7.5 kg
15 kg x 5 g	7.5 kg
15 kg AVR	2 kg
30 kg x 5 g	15 kg
30 kg x 10 g	15 kg
12 lb x 0.002 lb	6 lb
30 lb x 0.005 lb	15 lb
30 lb x 0.01 lb	15 lb
60 lb x 0.01 lb	30 lb
60 lb x 0.02 lb	30 lb
6 kg x 1 g/12 lb x 0.002 lb	3 kg/6 lb
6 kg x 2 g/15 lb x 0.005 lb	3 kg/7.5 lb
15 kg x 5 g/30 lb x 0.01 lb	7.5 kg/15 lb
30 kg x 10 g/60 lb x 0.02 lb	15 kg/30 lb

Note: dual capacity may not be supported by some interface protocols, please check before placing order.

Tares

(Dependent on market) semi-self cancelling, retained, graduated, proportional, stored. Accumulative or non-accumulative.

Entry is either semi-automatic or via the keyboard.

Displays

Weight only versions show six seven-segment digits with sign and may be specified as non-backlit LCD or high intensity green LED.

LCD displays carry icons for net, zero, battery operation/battery low, kg, lb

LED displays have annunciators for net, zero and battery operation/battery low.

Price computing versions have Weight display of up to five digits plus minus sign for negative tare indication, unit price display of up to seven digits and total price display of up to eight digits with decimal point or comma separators appropriate to the destination market.

Icons are available for zero, battery operation/ Battery low. Annunciators are available for net, tare, hold (fix / save), price base, capacity type, item count and total (selection of annunciators is dependent on market configuration)

Price computing displays may be specified as either backlit or non-backlit.

Controls

Keyboard controls are located on the display housing, available functions are market dependent.

Weight only: Zero, Test, Tare (optional).

Price Computing: Zero, Test, Tare, Hold (Fix / Save), Clear, Price Base, Numeric 0 – 9

Fittings

Stainless steel plate
280 mm x 350 mm (no recess)

Display Options

(These must be specified at the time of ordering. *Note: An RS485 interface must be specified if a display type other than integral is required.*)

1. Integral Weight Only

Up to two displays mounted on the longer sides on the main scale housing.

2. Remote Weight Only

Single-sided or optional double-sided with 5 m (optional 3 m) cable.

A maximum of four single-sided LCD (or two single sided LED) or two double-sided LCD (or one double sided LED) displays may be connected together providing 5 m of cable is not exceeded.

3. Scale Attached Column Mounted Weight Only

One single-sided or double-sided display housing may be mounted on a column (320 mm standard) attached to the scale. The column may be fitted on any of three sides of the scale housing and can be repositioned by the user to suit individual preferences.

4. Remote Column Mounted Weight Only

One single-sided or double-sided display housing may be mounted on a column (320 mm standard) attached to the counter surface using the bracket provided and connected to the scale with 5 m (optional 1 m, 3 m) cable.

A maximum of four single-sided LCD (or two single sided LED) or two double-sided LCD (or one double sided LED) displays may be connected together providing 5 m of cable is not exceeded.

5. Remote Price Computing

Single-sided or optional double-sided with integral price computing keyboard, connected to the scale by 5 m (optional 1 m, 3 m) cable.

A maximum of four single-sided or two double-sided displays may be connected together providing 5 m of cable is not exceeded.

6. Scale Attached Price Computing

Up to two single-sided price computing displays with keyboard may be attached to the scale housing using the three available mounting points. The user may reposition the external mounting point of the display housing to suit individual preferences.

7. Scale Attached Column Mounted Price Computing

One single-sided or double-sided display housing may be mounted on a column (320 mm standard) attached to the scale. The user may reposition the external mounting point of the column to any of three sides of the scale housing to suit individual preferences.

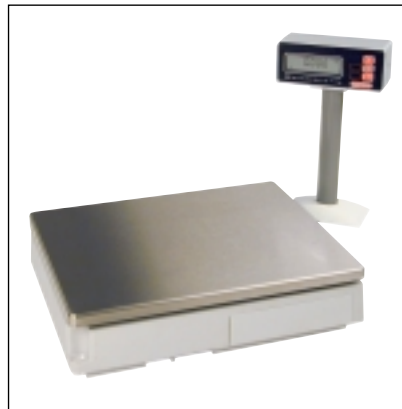
8. Remote Column Mounted Price Computing

One single-sided or double-sided display housing may be mounted on a column (320 mm standard) attached to the counter surface using the bracket provided and connected to the scale with 5 m (optional 1 m, 3 m) cable.

A maximum of four single-sided or two double-sided displays may be connected together providing 5 m of cable is not exceeded.



FX120 with remote weight only display.



FX120 with remote column mounted weight only display.



FX120 with scale mounted column weight only display.



FX125 with scale mounted price computing display.



FX125 with scale mounted column price computing display.



FX125 with remote column mounted price computing display.

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Electrical

Mains, battery or D.C. supply from EPoS/ECR.

Mains

A.C. plug top mains adaptor with 2 m cable suitable for destination market.

120 V ($\pm 10\%$) at 50 Hz or 60 Hz.

230V ($\pm 10\%$) at 50 Hz or 60 Hz.

In-line A.C adaptor with 2 m cable, class III 2 pin IEC connector and mains plug to suit destination market.

100 V - 240 V at 47 Hz to 63 Hz.

Approximate consumption 0.5 VA (standard LCD), 2.0 VA (single backlit), 7.0 VA (four backlit price computing) @ 12V D.C., depending on final configuration.

DC supply from EPoS/ECR 6 - 12 V DC via the serial data channel connection to the EPoS/ECR (where this is supported by pin 1 on the EPoS/ECR RS232 connector).

Battery

6 x 1.5 V 'D' size alkaline cells (LR20). (Duracell recommended)

or

1 x 9 V PP3 alkaline battery.

Rechargeable Battery Pack

With integral power surge protection. Rechargeable in or out of the scale using a high power A.C./12 V D.C. adaptor.

Please note:

Rechargeable NiCd batteries are *NOT SUITABLE* for this application due to their inherent short circuit thermal characteristics which can adversely affect the performance of the scale.

Battery life is dependent on battery quality, environment and scale configuration.

A high power adaptor must be ordered with the rechargeable battery pack when it is used with a FX120 that is *non-backlit*. If the scale displays are backlit or LED a high power adaptor is supplied as standard.

For configurations having the maximum number of LED or backlit LCD the in-line power supply must be specified at the time of ordering.

Environment

Operating Temperature Range

-10 C° to + 40° C

Storage Temperature Range

-20 C° to + 50° C

Operating Humidity

0 to 95% RH (non-condensing).

Storage Humidity

0 to 98% RH (non-condensing).

Approvals

Fully approved in all EU countries (T5532).

Finish

Housings

Light grey ABS, RAL 7035.

Base skirt

Black ABS.

Column

Grey, UPVC.

Fitting

Brushed stainless steel.

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Options

1. Remote Column

2. Scale attached column

3. Price computing or weight only

4. Six 'D' cell battery holder

5. Rechargeable battery pack

6. Backlight for Price Computing Display

7. LED weight only display

8. Weight only keyboard without Tare key

9. Price Computing keyboard with numeric keys

Interfaces

A range of interface pcb are available to allow connection of approved EPoS/ECR devices to the FX120/FX125.

The specific interface must be specified at the time of ordering and may be dependent upon local Weights and Measures requirements.

RS232

A full duplex bi-directional interface suitable for connection to ECR/EPoS also having RS232. Weight and price data (where applicable) are transferred from the scale to the EPoS/ECR and conforms to Weights and Measures criteria. The scale connection is a 9-way female 'D'-shell.

RS485/RS422

Full duplex RS422 or half duplex RS485 interface. Scale connection is RJ12.

Protocols

A range of protocols are available that may be selected through management mode, these include:

Avery Berkel Weight only (RS232 interface).

Avery Berkel Price Computing (RS232 interface).

OPOS Weight Only (RS232 interface).

OPOS Price Computing (RS232 interface).

Dialog 02/04/06 (RS232 interface).

BES (RS232 interface).

SMA (RS232 interface) (USA only).

Note that the use of a particular protocol maybe dependent on local Weights and Measures requirements and should be checked before placing an order.

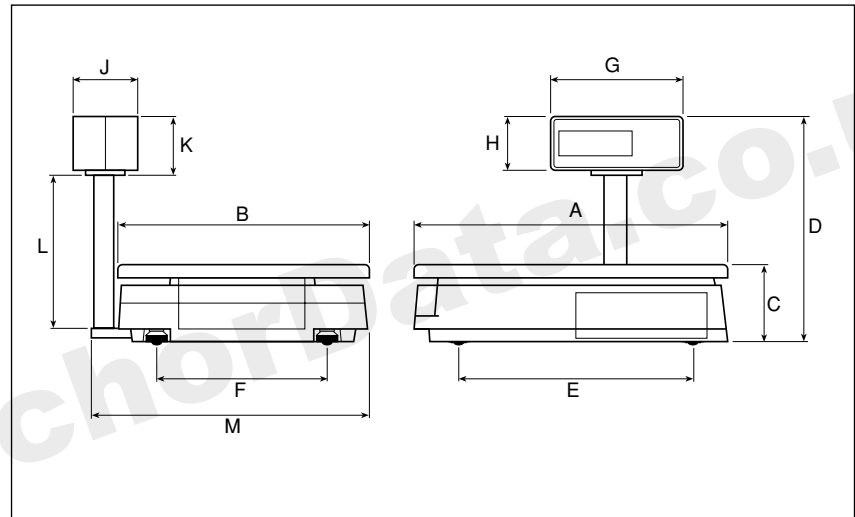
Dimensions

With Column Mounted Weight Only Display

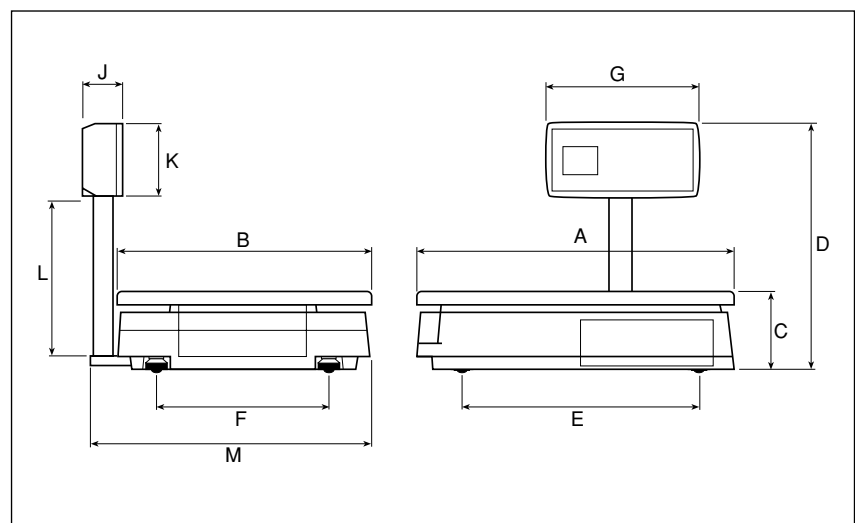
- A = 350 mm
- B = 280 mm
- C = 87 mm
- D = 398 mm
- E = 250 mm (15 kg capacity)
300 mm (30 kg capacity)
- F = 190 mm
- G = 152 mm
- H = 60 mm
- J = 59 mm
- K = 63 mm
- L = 320 mm
- M = 338 mm

With Column Mounted Price Computing Display

- A = 350 mm
- B = 280 mm
- C = 87 mm
- D = 462 mm
- E = 250 mm (15 kg capacity)
300 mm (30 kg capacity)
- F = 190 mm
- G = 263 mm
- J = 60 mm
- K = 127 mm
- L = 320 mm
- M = 338 mm



With Column Mounted Weight Only Display



With Column Mounted Price Computing Display

Local Supplier:

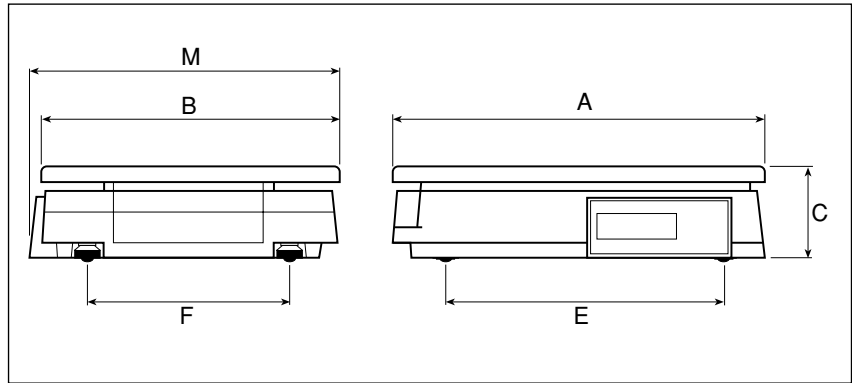
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With Integral Weight Only Display

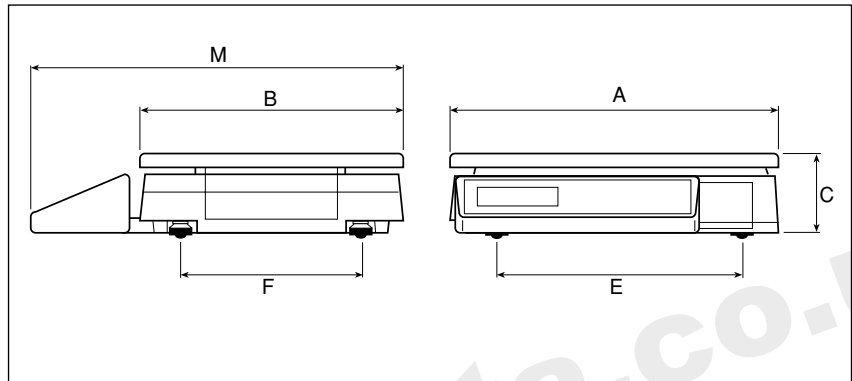
- A = 350 mm
- B = 280 mm
- C = 87 mm
- D = 397 mm
- E = 250 mm (15 kg capacity)
300 mm (30 kg capacity)
- F = 190 mm
- J = 20 mm
- K = 150 mm
- M = 300 mm



With Weight Only Display

With Scale Attached Price Computing Display

- A = 350 mm
- B = 280 mm
- C = 87 mm
- D = 397 mm
- E = 250 mm (15 kg capacity)
300 mm (30 kg capacity)
- F = 190 mm
- M = 276 mm



With Scale Attached Price Computing Display

Weight

15 kg Variant

- 4.3 kg (weight only).
- 4.5 kg (price computing).

30 kg Variant

- 5.3 kg (weight only).
- 5.5 kg (price computing).

Shipping Specification

Net

- 4.5 kg (15 kg variant).
- 5.5 kg (30 kg variant).

Gross

- 6.51 kg (15 kg variant).
- 7.51 kg (30 kg variant).

Dimensions

400 mm x 420 mm x 340 mm

Number of Packages

One.

Harmonised Commodity Code

Retail scales up to 30 kg capacity:
84238101

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