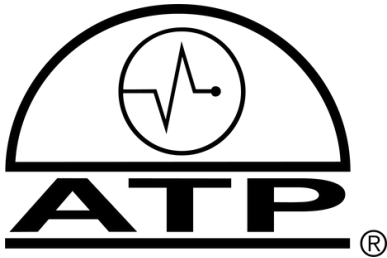


SCALIXUK DISTRIBUTOR



ATP INSTRUMENTATION LTD

THE ONE STOP INSTRUMENT SHOP

WWW.ATP-INSTRUMENTATION.CO.UK

Sales: 01530 566800

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Sales: sales@atp-instruments.co.uk

Technical Support: technical@atp-instruments.co.uk

Calibration: calibration@atp-instruments.co.uk

Unit 22 Tournament Way,

Ashby De-La-Zouch,

Leicestershire,

LE65 2UU

SCALIX COMPACT SCALEFR-EJ1

FR-EJ5

INSTRUCTION MANUAL

SAFETY PRECAUTIONS

All safety messages are identified by the following the words "**WARNING**" and "**CAUTION**". These words mean the following:

△WARNING	Important information to alert you to a situation that might cause serious injury and damage to your property if instructions are not followed.
△CAUTION	Important information that tells how to prevent damage to equipment.

When using the scale/balance, the following safety precautions should always be followed.

△ WARNING

AC/DC Mains Power Adaptor (Optional) **Order Code PW-100**

Only use the **PW-100** AC/DC Mains Power Adaptor. Using other adaptors may cause damage.

△ CAUTION

Avoid installing the scale/balance in direct sunlight, this may cause discoloration or malfunctions.

Do not mix the type of batteries. Replace all batteries at the same time.

If the scale/balance is not to be used for a long period of time, remove all batteries from the battery compartment to avoid leakage which may cause damage to the instrument.

Avoid overloading that could cause damage to the scale/balance.

Do not drop water in the scale. The scale is not water-resistant, and moisture will cause damage.

Matter charged static electricity could influence the weighing. Discharge the static electricity. A common method is to use the electrification prevention spray, applied to both side of weighing platform.

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SPECIFICATIONS

Model number	Capacity	Division
FR-EJ1	1000g	0.1g
FR-EJ5	5000g	1g
Weighing Plate	143 x 148mm	
Dimensions	210 x 150 x 60mm	
Net/gross weight	980g/1100g	
Operating Temperature	0-40°C (32-104°F)	
Power source	4× AA Size Batteries AC/DC Mains Power Adaptor PW-100	

FUNCTION SETTINGS

1. Entering the function settings menu.

Turn the scale off by pressing the **[ON/OFF]** key. Press and hold **[ZERO]** and press **[ON/OFF]** to enter function settings. If successful, the display will show **A_ON** or **A_OFF**.

2. Selection of auto backlight mode.

Enter the function settings menu as described in (1). Press the **[UNIT]** key, the display will show **L_ON** or **L_OFF**. Toggle selection by pressing the **[ZERO]** key. Selection display **L_ON**, indicates that the auto backlight function is active, **L_OFF** indicates that the auto backlight function is inactive.

1. Selection of auto power off mode.

Enter the function settings menu as described in (1). Press the **[UNIT]** key, the display will show **A_ON** or **A_OFF**. Toggle selection by pressing the **[ZERO]** key. Selection display **A_ON**, indicates that the auto power off function is active, **A_OFF** indicates that the auto power off function is inactive.

1. Returning to weighing mode. Press **[ON/OFF]** to turn the unit off, press **[ON/OFF]** again to turn on the power and the scale will automatically return to weighing mode.

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Error messages

Err-O: Overload

: Low battery

FEATURES

- Stainless Steel Construction with adjustable feet
- Large 15mm LCD Display with function indicators
- Auto backlight (user selectable)
- Function indicators: Units, Stable, Zero & Low Battery
- Tare Facility over full range
- Check Weighing to a set weight as +/- value
- Zero Tracking ensures stable and repeatable readings
- Auto power off (user selectable)

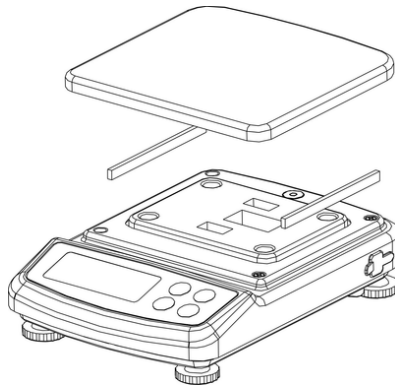
CALIBRATION

ATP Instrumentation offer a fully traceable calibration service.

The standard calibration points for these scales are at 15%, 30%, 45%, 60% & 75% of capacity.

Please call our Calibration Department **01530 566804** or email **calibration@atp-instruments.co.uk** for current prices

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PARTS DESCRIPTION



RIGHT SIDE

AC/DC mains power adaptor socket



TOP

Weighing platform

The arch face of platform is front.

Correct the direction of the pan.

Shock Protector

Remove it before use

Display

ON/OFF key

Turn the scale/balance power on/off.

UNIT key

Changes weighing units

TARE key Subtract weight of a container

ZERO key

Sets display to zero

BOTTOM

Battery compartment

Battery compartment cover

Batteries

4 AA Batteries



DISPLAY

ZERO indicator

Indicates when the reading is “0” Weighing unit

STABLE indicator.

Low battery indicator

2

PREPARATION

1. INSTALLING BATTERIES / AC/DC MAINS POWER ADAPTOR

Batteries

Remove the battery compartment cover and insert six batteries (AA size) into the battery compartment, taking extreme care that the polarities plus and minus are observed.

Battery

compartment

Dry batteries.(batteries are not included)

Battery compartment cover

Plug the AC/DC mains power adapter (Optional) **Order Code PW-100** into the AC/DC adapter socket on the side.
IMPORTANT Remove any batteries from the battery compartment when using AC/DC mains powers adaptor.

AC/DC MainsPower Adaptor

socket

1. SETTING UP THE SCALE

CAUTION

Avoid installing the scale in direct sunlight and that may cause discoloration or malfunctions. Place your scale on a firm weighing table so that the scale/ is level. (The scale will not perform accurately when it is not level.)

3

WEIGHING

BEFORE WEIGHING

Whenever possible, please allow the balance to warm up for 10 minutes after first turning to power on, so that the balance will function properly and accurately.

WEIGHING PROCEDURES

1. **Press [ON/OFF] to turn on the scale.**

When power is turned on, all display segments appear on LCD for a few seconds and finally "0" will appear on the display.

1. **Select the weighing unit with [UNIT].**

Press **[UNIT]** to select a weighing unit, eg. "kg"、 " g "

Once the unit has been selected, the selected unit will be displayed to the weight value.

1. **Start weighing**

If you do not use a container for weighing,

Verify the reading is "0". If not, press **[ZERO]** to display "0".

Place objects on the weighing platform to weigh.

When the reading becomes stable, the stable indicator is displayed.

If you use a container for weighing,

Place an empty container on the platform.

Wait for the stability indicator to be displayed and press **[TARE]**.

Place the objects to be weighed in the container.

When the reading becomes stable, the stable indicator is displayed and the weight of the objects will be displayed.

SAMPLE CHECK WEIGHING

Place a test piece or a calibration weight on the pan. Press Tare. Then place a sample on to the pan. If there is a difference in weight to the test piece, the value will be displayed as a plus or minus value.