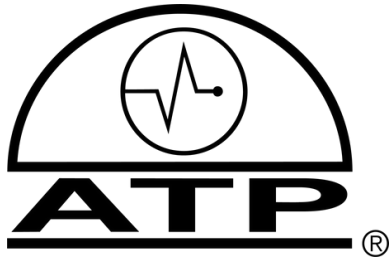


SCALIXUK DISTRIBUTOR



ATP INSTRUMENTATION LTD

THE ONE STOP INSTRUMENT SHOP

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Unit 22 Tournament Way,

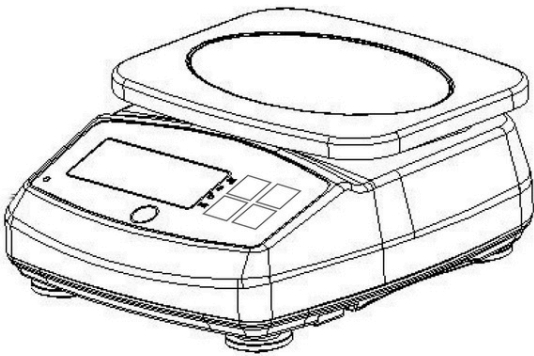
Ashby De-La-Zouch,

Leicestershire,

LE65 2UU

SCALIX IP-65 WATERPROOF SCALEFWS- 3KGFWS-6KGFWS-15KGFWS-30KG

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 Adapter. **Order Code PW-100**

Only use the **PW-100** AC/DC Mains Power Adapter. Using other adaptors may cause damage. **IMPORTANT: Remove any batteries from the battery compartment when using AC/DC mains power adapter**

△ CAUTION

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

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

Do not totally immerse the scale in water. The scale is IP-65 water-resistant.

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

<i>Model number</i>	<i>Capacity</i>	<i>Division</i>
FWS -3kg	3kg	0.1g
FWS -6kg	6kg	0.2g
FWS -15kg	15kg	0.5g
FWS -30kg	30kg	1g
Pan Size	210 x 160mm	
Net/gross weight	2500g/2900g	
Operating Temperature	0-40°C(32-104°F)	
Power Source	6 x AA Batteries or AC/DC Mains Power Adaptor	

FUNCTION SETTINGS

1. Entering the function setting mode.

Press **[ON/OFF]** to turn the power off. Press and hold **[PCS]**, then press **[ON/OFF]** to turn on the scale, the display will show **A_ON** or **A_OFF**, it enters the function setting menu now.

1. Selection of auto backlight mode.

After the scale enters function setting menu, press **[PCS]** key, the display will show **L_ON** or **L_OFF**, press **[ZERO]** for selection of **L_ON** or **L_OFF**, **L_ON** means auto backlight function active, **L_OFF** means auto backlight function inactive

1. Selection of auto shut off mode.

After the balance enter function setting menu. Press **[PCS]** key, the display will show **A_ON** or **A_OFF**, press **[ZERO]** for selection of **A_ON** or **A_OFF**. **A_ON** means auto shut off function active, **A_OFF** means auto shut off function inactive.

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

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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.

PARTS COUNTING PROCEDURE

1. Press **[ON/OFF]** to turn on the scale.
2. Wait for "0" to appear on the display.
3. If necessary, press **[ZERO]** key to set the display to "0"
4. Press **[PCS]** key to put the scale in PCS mode. the display will show **P=X X**
5. Press **[UNIT]** key to select value pieces sample count (10, 20, 50, 100)
6. Place the number of sample pieces on the pan (the Sample Size should be 10, 20, 50 or 100 pieces). Note: the higher the sample count, the more accurate the measured count will be.
7. Press **[PCS]** key to accept sample quantity, the display will show **PASS**.
8. Start counting by adding pieces on the scale.
9. Press **[UNIT]** key to return to the weighing mode.

Error messages

EEEE: Overload

: Low battery

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PARTS DESCRIPTION



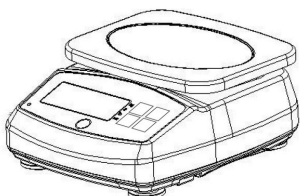
TOP

Weighing platform

The arch face of platform is front.

Correct direction of the pan.

ON/OFF key



Turns the scale

power on/off

UNIT key

Changes weighing units

ZERO key

Sets display to zero or

Tare weight of container

PCS key



DISPLAY



Low battery indicator

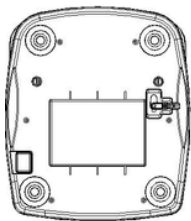
Weighing unit

TARE indicator

Negative value indicator

Stability indicator

ZERO indicator



BOTTOM

AC/DC Main Power Adaptor Socket

On/Off switch key

Batteries

Use 6 x AA batteries

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FEATURES

- IP-65 Waterproof
- Large 210 x 160mm weighing pan
- Large 95 x 38mm LCD display with function indicators
- Auto backlight (user selectable)

- Function indicators: units, stable, zero & low battery
- Tare facility over the full range
- Zero tracking ensures stable and repeatable readings
- Check weighing to a set weight as +/- value
- Parts Counting
- 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

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.

Press switch key on the bottom of the scale to be ON, and press **[ON/OFF]** key to turn on the scale. When power is turned on, the display will show segments and then "0" will appear on the display.

2. Select the weighing units with [UNIT] key.

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

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

3. Start weighing

If you do not use a container for weighing

Verify if 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 **[ZERO]**.

Place the objects to be weighed in the container.

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