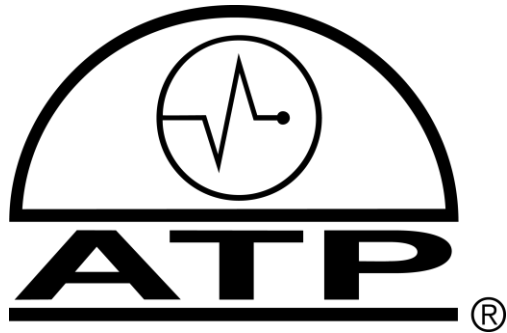


# SCALIX MULTIPURPOSE SCALES

**UK DISTRIBUTOR**



**ATP INSTRUMENTATION LTD  
THE ONE STOP INSTRUMENT SHOP**

**[WWW.ATP-INSTRUMENTATION.CO.UK](http://WWW.ATP-INSTRUMENTATION.CO.UK)**

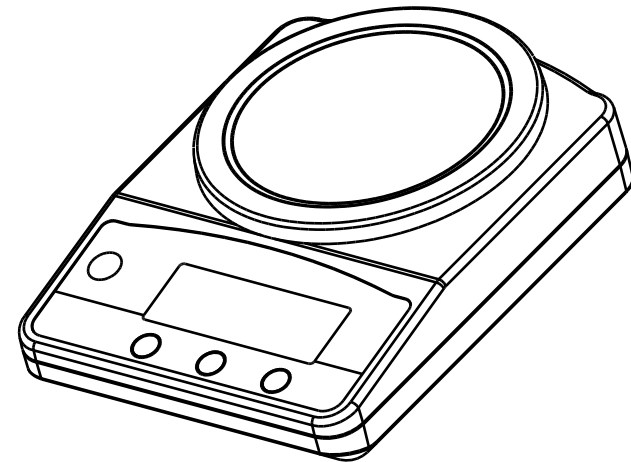
**Sales:** 01530 566800      **Technical:** 01530 566804

UNIT 22 Tournament Way, Ashby-De-La-Zouch, Leicestershire, LE65 2UU

# SCALIX PRECISION BALANCE

**FGL-SERIES**

**INSTRUCTION MANUAL**



# SPECIFICATIONS

Model number	Capacity	Resolution	Weighing Pan
FGL-300	300g	0.005g	115mmØ
FGL -600	600g	0.01g	115mmØ
FGL-3000	3000g	1g	150 x 175mm
FGL-3001	3000g	0.1g	150 x 175mm
Net/gross weight	850/1500g		
Package	Standard carton: 32.5×22.5×11.5 (cm <sup>3</sup> )		
Operating Temperature	0-40°C (32-104°F)		
Power source	4 x AAA Size Batteries or AC/DC Power Adapter 9V/300mA		

# FEATURES

- g, ct oz or tola Conversion
- Auto Zero Tracking
- Tare Facility
- Large 15mm LCD
- Auto Backlight LCD
- User Calibration
- Plastic Protection Cover
- Low Battery Indication

**IMPORTANT:** Remove batteries if using AC/DC Adaptor

# CALIBRATION

All electronic scales and instruments are affected by environmental conditions in which they are used. Periodic calibration checks should be carried out. At least once a year, a full calibration & verification should be carried out to certified tractability.

ATP Instrumentation Ltd offer full verification and calibration to traceable standards and documented procedures. A certificate of calibration is then issued detailing the true weight and the scale readings in laboratory conditions.

Please call our technical helpline on 01530 566804 for currents prices and turnaround times.

## Tare Facility

If a container is to be used, place the container on to the pan. The scale will display the container's weight. Press **[ZERO]** and display will read zero. Place items in to the container and the displayed weight will be the contents only.

## Check Weighing

Place an item or weight on to the pan. Press **[TARE]** and the display will read 0.00 (reference). Remove the item or weight. The display will read (minus) the weight value removed. Place a similar item on to the pan. If the scale reads zero there is no difference to the (reference). If there is a difference the display will read a plus or minus value to the (reference).


## Auto Power Off

After approx. 3mins, it can be user disabled.

Make sure the scale is switched off, press and hold down **[TARE]**, then press **[ON/OFF]**, whilst keeping **[TARE]** pressed, the display will show A\_ON or A\_OFF. Press **[TARE]** to select A\_ON to activate power off function or A\_OFF to deactivate power off function.

Turn the scale off to save the change.

## Low Battery Indication

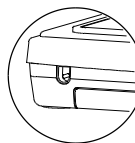
If the power level falls below the required level then  will be displayed. The batteries should then be changed. To continue weighing with this symbol displayed will result in non-accurate weighing.

**IMPORTANT: Remove batteries if using AC/DC Adaptor**

## DESCRIPTION

### ► SIDE

AC/DC Power Adaptor  
Socket



### ► TOP

#### Weighing platform

The arch face of platform is front.  
Correct the direction of the pan.

#### Display

##### ON/OFF key

Turn the scale  
power on/off.

##### TARE key

Set display to zero or  
Subtracts weight of a container.

##### MODE key

Change weighing units

### ► BOTTOM

#### Battery compartment

#### Battery compartment cover

#### Batteries

Use 4 x AAA Batteries

### ► DISPLAY

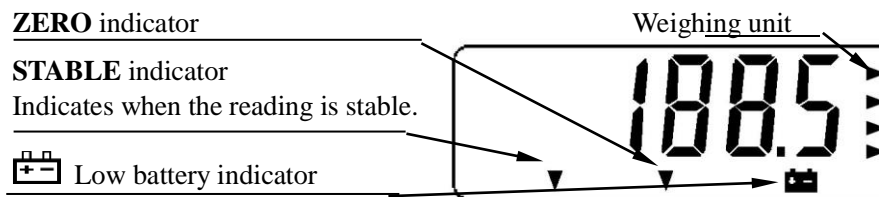
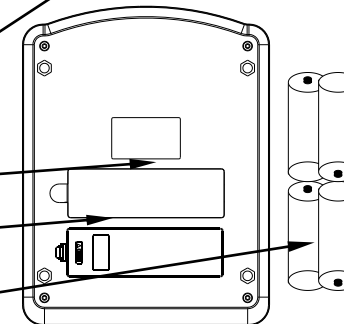
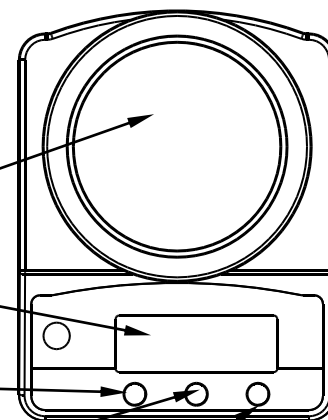
#### ZERO indicator

#### STABLE indicator

Indicates when the reading is stable.



Low battery indicator

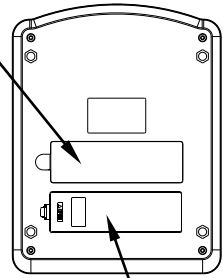


# PREPARATION

## Installing Batteries / Connecting the AC/DC Adaptor

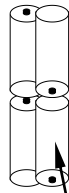
### Batteries

Battery compartment



Battery compartment cover

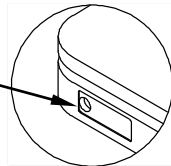
Remove the battery compartment cover and insert four batteries(R6P/LR6 /AAA) into the battery compartment, taking extreme care that the polarities plus and minus is observed.



4 x LR6/AAA size Dry batteries.

### AC/DC 300mA Power Adapter (optional)

AC/DC Adaptor socket



Plug the AC/DC Adapter to the adapter socket on the side. The AC input requirement could be 110,120,220,230 or 240Volts (50/60Hz) depending on the area where used, so please verify that the adaptor is correct

## Setting up the scale/balance

### CAUTION

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

## Before weighing

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

### Error messages

EEEE: Overload

: Low battery

## Weighing Functions

Press **[ON/OFF]** to turn on the scale. When the power is turned on the scale will go through a self-verification process and display all segments (8888) for a few seconds and then "0" will appear on the display. The scale is ready for use.

## Unit Weight Selection

To select the weighing unit, press **[UNIT]** to select g or ct or oz or tola. An indicator confirms the selected weight unit.

## LCD Backlight

Place the objects to be weighted onto the scale's pan. The weight is then displayed. The scale has an **AUTO-BACKLIGHT** which activates when any weight is placed on the pan. It will automatically turn off if the scale is idle.