

**SCALIX  
MULTIPURPOSE SCALES**

**UK Distributor**

**ATP Instrumentation Ltd**

**Tournament Way**

**Ivanhoe Industrial Estate**

**Ashby De La Zouch**

**Leicestershire**

**LE65 2UU**

**Tel 01530 566800**

**Fax01530 560373**

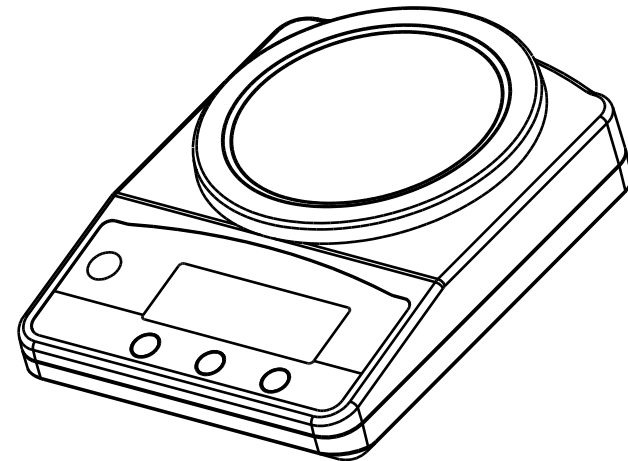
**sales@atp-instruments.co.uk**

**www.atp-instrumentation.co.uk**

**SCALIX PRECISION BALANCE**

**FGL-600**

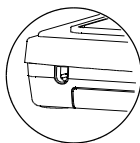
**INSTRUCTION MANUAL**



# 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

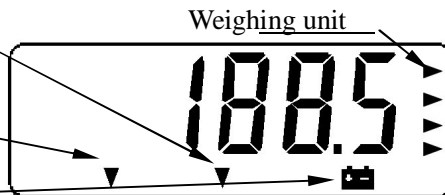
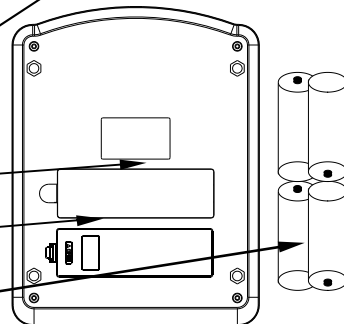
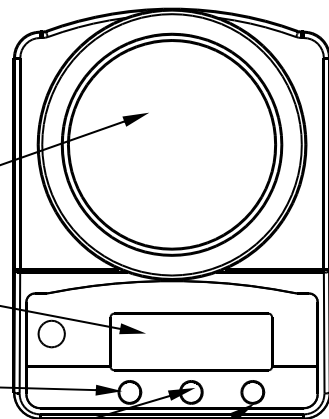
## ► DISPLAY

#### ZERO indicator

#### STABLE indicator

Indicates when the reading is stable.

Low battery indicator



# SPECIFICATIONS

Model number	Capacity	Division
FGL -600	600g	0.01g
Platter	φ 115mm	
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 Adaptor 9V/300mA	

# FEATURES

Kg, g, lb or oz 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

## When and How to Calibrate the Scale

Calibration may be required when it is initially installed, if the scale is moved to a substantial distance.

This is necessary because the weight of a mass in one location is not necessarily the same in another location. Also, with time and use, mechanical deviations may occur.

## How to calibrate

Press and hold the [MODE] key, then press and hold [ON/OFF] key. The display will then show [CAL] then show five digits.

Press [MODE] and the display will then flash [500g].

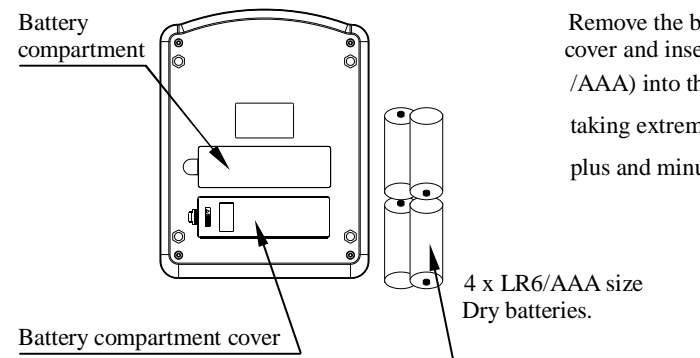
Place the calibrating weight on to the pan. Wait for the stable indicator to display, then press [MODE]. The display will show '-----' and then return to showing five numbers. Calibration is complete.

Press [ON/OFF] to turn the power off, Press [ON/OFF ] to turn the power on again. Place **500g** on the pan to check calibration. If it is not correct, repeat the calibration procedure.

# PREPARATION

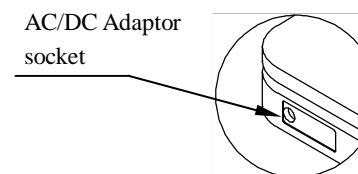
## Installing Batteries/Connecting the AC/DC Adaptor

### Batteries



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.

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



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

## 2. 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.)

**Place the scale/balance on the firm surface that is flat and level for an accurate weighing.**

## 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 Kg or g or lb or oz. 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.

## 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.

## 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