

# FX-120I PRECISION SCALE - A&D ENGINEERING FX-120I PRECISION SCALE

[Reloading](#) > [Powder Handling](#) > [Powder Scales](#)

## Affordable and Accurate Scale for Reloaders

A&D's FX-i Series entry level precision balance is a full-featured 0.01g to 1mg resolution balance at an affordable price. The patented Compact Super Hybrid Sensor is at the heart of this unit and provides fast, one-second weighing response time. The A&D FX-i also contains a specially designed internal shock absorber that offers protection from the adverse effects of vertical or transverse overloading. Resolution to 0.02 grains 1,882 grain capacity 1 second stabilization time RS-232C Interface for use with aftermarket powder measures. Includes a small (3.4" tall) breeze break to help prevent drafts of air from disturbing measurements. A perfect addition for the reloader who must have absolute consistency.



## Attributes

- Name: [A&D ENGINEERING FX-120I PRECISION SCALE](#)
- Manufacturer: [A&D ENGINEERING](#)
- Product no.: 749014464
- Mfr. No.: FX-120I
- Capacity: 1882 grains
- Resolution: 0.02 grains
- Delivery weight: 3.872kg
- Shipping height: 241mm
- Shipping width: 305mm
- Shipping length: 368mm

# Table of Contents

- [Startpage](#)
- [FX120I Precision Scale Safety Instruction Guide](#)
- [About Us](#)

# FX120I Precision Scale Safety Instruction Guide

## Introduction

Thank you for choosing the A&D FX120I Precision Scale. This guide provides essential safety instructions and usage guidelines to ensure the safe and effective operation of your scale. Please read this document thoroughly before using the product.

## General Safety Guidelines

- Always use the scale on a flat, stable surface to ensure accurate measurements.
- Keep the scale away from extreme temperatures, humidity, and direct sunlight to prevent damage.
- Avoid placing heavy objects or applying excessive force on the scale to prevent overloading.
- Ensure that the scale is kept clean and free from dust and debris for optimal performance.
- Do not attempt to disassemble or repair the scale yourself; contact a qualified technician for assistance.
- Store the scale in a safe place when not in use, preferably in its original packaging.

## Specific Safety Precautions for Use

- This scale is not intended for use by children. Keep it out of reach of minors.
- Do not use the scale in environments where it may be exposed to hazardous materials or conditions.
- Avoid using the scale near strong electromagnetic fields, which may interfere with its operation.
- If the scale shows any signs of malfunction or damage, discontinue use immediately and seek professional advice.
- Ensure that the breeze break is properly installed to prevent drafts from affecting measurements.

## Instructions for Installation and Usage

### 1. Unboxing the Scale

- Carefully remove the scale from its packaging.
- Ensure all components are included: the scale, breeze break, and power adapter.

### 2. Setting Up the Scale

- Place the scale on a flat, stable surface away from drafts and direct sunlight.
- Attach the breeze break according to the included instructions to minimize air disturbances during weighing.

### 3. Powering On the Scale

- Connect the power adapter to the scale and plug it into a wall outlet.
- Press the power button to turn on the scale.

### 4. Calibration

- Before use, calibrate the scale according to the manufacturer's instructions to ensure accurate measurements.
- Use certified weights for calibration to confirm the scale's accuracy.

### 5. Weighing Objects

- Place the object to be weighed gently on the weighing pan.
- Wait for the stabilization indicator to confirm that the weight is stable before recording the measurement.

## **6. Using the RS232C Interface**

- If connecting to aftermarket powder measures, follow the instructions provided for the RS232C interface.
- Ensure that all connections are secure before attempting to use the scale with external devices.

## **Disposal Instructions**

- Dispose of the scale and its components in accordance with local regulations.
- Do not dispose of electrical components with regular household waste. Check for local ewaste disposal programs.

## **Contact Information for Further Support**

For any questions or concerns regarding the FX120I Precision Scale, please refer to the manufacturer's website or contact your local distributor. Ensure you have the product details available for assistance.

By following these safety instructions, you can ensure the safe and effective use of your A&D FX120I Precision Scale. Thank you for your attention to these guidelines.

# About Us

## Brownells UK

### **Brownells UK - World's Largest Supplier of Gun Parts, Gunsmith Tools & Shooting Accessories**

Unit 1, Laughing Dog Industrial Estate  
London Road  
Rugby  
Warwickshire  
CV23 9LP

[www.brownells.co.uk](http://www.brownells.co.uk)