

For those who desire the performance of the FX-i plus the convenience and assurance of internal calibration, look no further than the FZ-i. Quick adjustment is just a keystroke away. The unique, air actuated internal motor provides quick, one-touch calibration and its fail-safe mechanism resets the weight to its original position upon interruption. High-end features that come at high level of affordability make the FZ-I unique in its class.



**Manufacture:** AND  
**Weighing**  
**SKU:** FZ-1200i  
**Weight:** 10.00 lb  
 Free Ground Shipping  
 within the 48  
 continental US States

**Please Call**  
**(800)832-0055**

## Features

### FZ-i - Internal Calibration

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### Statistical Calculation Function

The statistical values Sum, Maximum, Minimum, Range, Standard Deviation, Number of Data, and Coefficient of Variation can be displayed or output.

### ACAI – Automatic Counting Accuracy Improvement

This counting function recalculates the average weight each time a sample is added to eliminate errors caused by variations in unit weight.

## Animal Weighing Function

The HOLD function enables freezing of weighing data for animal weighing applications and an ANIMAL indicator appears on the display.

## Comparator Function

Easy to compare weighing results by setting HI limit and LO limit to display HI,OK,LO indicator.

## Percent Mode Function

A sample can be registered as 100% and the weight of another sample can be compared as a percentage.

## Underhook

The underhook allows for measurement of magnetic materials and density measurements in air and water.

## Specifications

		FZ-120i	FZ-200i	FZ-300i	FZ-500i	FZ-1200i	FZ-2000i	FZ-3000i	FZ-5000i	
Capacity x Resolution	g	122 x 0.001	220 x 0.001	320 x 0.001	520 x 0.001	1220 x 0.01	2200 x 0.01	3200 x 0.01	5200 x 0.01	
	oz	4.30 x 0.00005	7.76 x 0.00005	11.28 x 0.00005	18.34 x 0.00005	43.0 x 0.0005	77.6 x 0.0005	112.8 x 0.0005	183.4 x 0.0005	
	lb	0.268 x 0.000005	0.485 x 0.000005	0.705 x 0.000005	1.14 x 0.000005	2.68 x 0.00005	4.85 x 0.00005	7.05 x 0.00005	11.46 x 0.00005	
	lb-oz	0lb, 4.30oz x 0.01oz	0lb, 7.76oz x 0.01oz	0lb, 11.29oz x 0.01oz	0lb, 18.34oz x 1 lb, 0.01oz	2lb, 11.03oz x 0.01oz	4lb, 13.60oz x 0.01oz	7lb, 0.88oz x 0.01oz	11 lb, 7.65 x 0.001oz	
	ozt	3.92 x 0.00005	7.07 x 0.00005	10.28 x 0.00005	16.71 x 0.00005	39.2 x 0.0005	70.7 x 0.0005	102.8 x 0.0005	167.18 x 0.0005	
	ct	610 x 0.005	1100 x 0.005	1600 x 0.005	2600 x 0.005	6100 x 0.05	11000 x 0.05	16000 x 0.05	26000 x 0.05	
	dwt	78.6 x 0.001	141.7 x 0.001	206.2 x 0.001	335.1 x 0.001	786 x 0.01	1417 x 0.01	2062 x 0.01	3351 x 0.01	
	GN	1882 x 0.02	3395 x 0.02	4938 x 0.02	8024 x 0.02	18827 x 0.2	33951 x 0.2	49383 x 0.2	80248 x 0.2	
	Counting Mode	Min. Unit Mass	0.001g				0.01g			
		# of Samples	5, 10, 25, 50 or 100 pieces							
Percent Mode	Min. 100% Ref. Mass	0.100g				1.00g				
	Min. 100% Display	0.01%, 0.1%, 1% (depends on the reference mass stored)								

Repeatability (Std. Deviation)	0.001g				0.01g			
Linearity	±0.002g				±0.02g			
Stabilization Time (typically set at FAST)	Approx. 1 second							
Sensitivity Drift (10°C to 30°C)	±2ppm / °C							
Operating Temp	5°C to 40°C (41°F to 104°F), 85% RH or less (No condensation)							
Display Type	Vacuum Fluorescent Display (VFD)							
Display Refresh Rate	5 times / second, 10 times / second or 20 times / second							
Std. Serial Interface	RS-232C Interface							
Weighing Pan	130mm				150mm			
External Calibration	100g 50g	200g 100g	300g	500gg	1000g 500g	2000g 1000g	3000g	5000g
			200g	400gg			2000g	4000g
			100g	300gg			1000g	3000g
				200gg				2000g
				100g				1000g
			50g				500g	
AC Adaptor	Confirm that the adaptor type is correct for the local voltage and power receptacle							
Power Consumption	Approx. 11VA (supplied to the AC Adaptor)							
External Dimensions	193 (W) x 262.5 (D) x 84.5 (H) mm							
Net Weight	Approx. 2.5kg							

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