

FAIRBANKS®

ECLIPSE® 5000 & BattPak™ SERIES BENCH SCALES



**Fairbanks' most
versatile and durable
bench scale can
withstand overloads
up to 500% of its capac-
ity.**



AC Models
Only



Approved

BattPak
Models
Only

**USDA
Accepted**



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The Eclipse Series Bench Scales are a versatile product line that can meet a broad range of weighing applications in extreme conditions for items up to 1000 pounds.

EXTREME LOAD CELL PROTECTION

To protect you from costly maintenance and downtime, the Eclipse Series design protects the load cell from overloads up to 500% of the scale's capacity on all models except the 500 and 1000 lb models which have a 200% overload capacity. The strength of the stainless steel construction, combined with an intelligent design, means that the load cell is protected against loads from above as well as from the side. The edges of the platform also act as overload stops for additional protection. The free-floating platform moves in any direction, allowing the



The subplatform absorbs overload shocks from all directions and prevents many overloads from ever reaching the load cell.

sides and base of the weighing platform to absorb impact from the sides of the bench scale. Additional overload protection is provided by overload stops at the load cell mounting point.

DEPENDABLE ACCURACY

Your revenue opportunities will be maximized by the speed and accuracy of the Eclipse. With this line of bench scales, you are assured highly accurate and repeatable results over the life of the scale. The durable design means the Eclipse Series can also take a lot of abuse without compromising accurate results.

QUICK AND EASY CALIBRATION

The Eclipse Series is calibrated at the factory before shipping and arrives

Left – The Eclipse Series features a larger 24" x24" platform which has been designed for weighing large loads at heavier capacities.

ready to use. There is no need to remove the back cover since all configuration parameters can be selected through the keyboard. Recalibration can be performed through the front panel as well. Three levels of security also allow you to maintain complete control of all bench scale parameters.

DESIGNED TO WITHSTAND HARSH ENVIRONMENTS

From corrosive chemicals to water washdown environments, the Eclipse Series is capable of handling them all. If your application requires washdown capability, you will appreciate the open flow design of these bench scales. The cover is easily removed for cleaning, exposing the platform's interior, so a thorough washdown is fast and easy. The rugged Type 304 stainless steel enclosure meets NEMA 4X standards ensuring maximum protection in the harshest environments.

ALL APPLICATIONS ARE IDEAL FOR THE ECLIPSE

The Eclipse platform and indicator are designed for general weighing, filling, checkweighing, manual batching and grading applications when speed, accuracy and repeatability are essential. The high visibility, vacuum fluorescent display provides excellent readability in a wide range of lighting conditions.

FLEXIBLE TO MEET YOUR NEEDS

The Eclipse Series Bench Scales offer both AC powered and intrinsically-safe battery powered models, four different platform sizes with various capacities





The Eclipse comes in four convenient platform sizes with various capacities to accommodate a variety of weighing needs and applications. Team these platforms with a pillar and indicator to create an integral scale unit; use the platform with a remote indicator mounted in a variety of positions using the tilt bracket accessory; or team the 10" x 10" platform with an AC powered indicator on the sloped bracket and cutting board accessory to create an ideal portioning scale. This type of flexibility allows you to customize the Eclipse to match the needs of your weighing application perfectly. (Eclipse 24" x 24" platform not shown.)



The open flow design of the Eclipse promotes air circulation and makes for fast and easy clean up.

and graduations, four pillar heights, and a versatile indicator which can be mounted in a number of ways. These scales offer maximum protection in applications requiring washdown capability and corrosion resistance. And for non-commercial applications, the Eclipse Series Bench Scales can be programmed in non-commercial graduation sizes.

ZERO AND AUTO TARE TOGGLE SWITCH

To ensure maximum operator efficiency, the unique placement of the toggle switch on all AC powered Eclipse bench scale models allows for quick hand movements to zero or tare

the scale without affecting the scale's balance. This feature also reduces maintenance problems that are often caused when operators are using tools such as knives to repeatedly push the same button.

EASY-TO-USE CHECKWEIGHING CAPABILITIES

For quick and easy weighing operations, the Eclipse display features three simple checkweighing modes. Based on the parameters you program, simply place the object on the scale's platform, and observe the display for acceptable or not acceptable weight indications. You can then add or remove material to reach the desired weight and quickly proceed to the next operation.

LARGER SIZE AND GREATER CAPACITIES

The Eclipse Series has expanded its line with a larger 24" x 24" platform with capacities up to 1000 lbs. The new size is available as a base only or with a 24" or 35" pillar and indicator configuration for even greater flexibility for all applications.

Right – The Eclipse BattPaks are completely portable bench scales with self-contained power sources.

COMPLETE LINE OF BATTERY-POWERED MODELS AVAILABLE

The Eclipse BattPak Series offers the same durable, easy-to-use design with the added flexibility of battery power. Factory Mutual Approved for all Classes, Divisions and Groups, these bench scales feature a removable, extended life battery pack which will provide up to 50 hours of continuous operation. Approximately 200 hours of battery life can be achieved by using the battery save mode, which reduces the power requirements while the scale is inactive.



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SPECIFICATIONS

- Display 0.5" six-digit, vacuum fluorescent display (AC models only);
0.75" six-digit liquid crystal display (battery-powered models only)
- Divisions Up to 20,000 non-commercial
- Filtering 4 levels for vibration suppression
- Controls Auto tare, gross/net, units, zero (AC models only); Two position toggle switch for tare and zero
- Units lb, kg, oz, gm, front panel selectable
- Zero Programmable ± 2% or 100% of scale capacity
- Auto Zero Tracking . . . Off; 0.6, 1 or 3 divisions selectable (AC models only); Off; 0.5, or 3 divisions selectable (battery-powered models only)
- Center of Zero Active when scale is within 0.25 divisions of zero
- Overload 200% of scale capacity (500 and 1000 lb models only);
500% of scale capacity (all other models)
- Power Requirements . . 100-130 VAC, 5W, 50/60 Hz, grounded, 3 wire AC, 200-250 VAC, 5W, 50/60 Hz, optional (AC models only);
7 volt rechargeable nicad battery pack, 50 hours continuous operations. 200 hours if battery save mode enacted (battery-powered models only).
- Accessories Wheel kit accessory (24" x 24" models only)

CAPACITIES & GRADUATION SIZES

Capacity	Platform Size	Commercial Divisions		Non-Commercial Divisions	
		Lbs	Kg	Lbs	Kg
6 lbs	10" x 10"	6 x 0.002	2.72 x 0.001	6 x 0.0005	2.72 x 0.0002
12 lbs	10" x 10"	12 x 0.005	5.44 x 0.002	12 x 0.001	5.44 x 0.0005
24 lbs	10" x 10"	24 x 0.005	10.9 x 0.005	24 x 0.002	10.9 x 0.001
40 lbs	12" x 14"	40 x 0.01	18.1 x 0.005	40 x 0.002	18.1 x 0.001
60 lbs	12" x 14"	60 x 0.02	27.2 x 0.01	60 x 0.005	27.2 x 0.002
100 lbs	16" x 18"	100 x 0.02	45.4 x 0.01	100 x 0.01	45.4 x 0.005
200 lbs	16" x 18"	200 x 0.05	90.7 x 0.02	200 x 0.02	90.7 x 0.01
200 lbs	24" x 24"	200 x 0.05	90.7 x 0.02	200 x 0.02	90.7 x 0.01
500 lbs	24" x 24"	500 x 0.2	227.3 x 0.1	500 x 0.05	227.3 x 0.02
1000 lbs	24" x 24"	1000 x 0.5	454.5 x 0.2	1000 x 0.1	454.5 x 0.05

* All models are capable of commercial (NTEP) and non-commercial operation.

DIMENSIONS

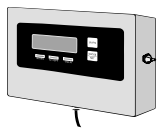
Product	Width	Depth	Height*
10" x 10" platform only	10"	10"	3.25"
12" x 14" platform only	12"	14"	3.25"
16" x 18" platform only	16"	18"	3.25"
24" x 24" platform only	24"	24"	6.25"
10" x 10" w/pillar & indicator	10"	13.25"	17"
12" x 14" w/pillar & indicator	12"	17"	25"
16" x 18" w/pillar & indicator	16"	21.25"	25"
24" x 24" w/pillar & indicator	24"	26.75"	32" or 43"
10" x 10" w/ind. & bracket**	10"	16.25"	9"
Indicator only	8.75"	3.25"	6.5"
Tilt bracket acc. w/indicator**	11.5"	5.25"	6.5"

* Adjustable feet (for leveling) add additional height of up to 0.5"

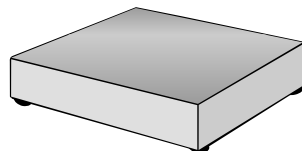
** AC powered models only

CONFIGURATIONS

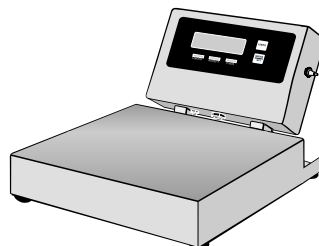
Note: Only the Eclipse BattPak is Factory Mutual Approved for Class I, II, III, Divisions 1 & 2, and Groups A, B, C, D, E, F, G



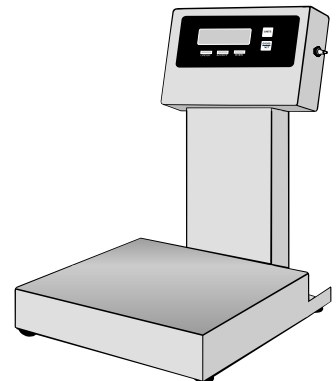
Indicator only



Platform only (requires remote indicator)



Platform with indicator on sloped bracket



Platform with pillar and indicator

Your Fairbanks Scales Authorized Representative is:

Call toll-free for the representative nearest you:

(800) 451-4107

Call between 8:00 a.m. – 5:00 p.m. CST

Corporate Offices: 821 Locust • Kansas City, MO 64106 • (816) 471-0231

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St. Johnsbury manufacturing facility registered in compliance with ISO 9002.

