

# FAIRBANKS®

## QUICKSILVER INTRINSICALLY SAFE STAINLESS STEEL BENCH SCALES



Fairbanks' QuickSilver Intrinsicly Safe Bench Scales are redefining the standard for sanitary weighing equipment used in hazardous locations. All the advantages of an intrinsicly safe bench scale and more features than any competing product.

### APPLICATIONS

- Hazardous environments
- Food processing
- Heavy washdown
- Chemical/Pharmaceutical
- Over/Under Checkweighing
- Manual batching
- Portable (battery powered)

### FEATURES

- Type 304 Stainless Steel Construction, NEMA 4X Indicator enclosure.
- Up to 250 hours of battery life.
- Stainless Steel Load Cell standard on most models.
- Incorporates AMI's 10 principles of sanitary design.
- Tilt adjust indicator
- Factory Mutual and CAS approved for all Groups, Classes, and Divisions when used with rechargeable battery as power source.

### INTRINSICALLY SAFE ADVANTAGE

The QuickSilver IS Bench Scale design reduces the amount of energy used during normal operations, or during a fault condition, to a level incapable of igniting an explosive environment. When used with the removable, extended-life, 352 ACC rechargeable battery, the QuickSilver IS is Factory Mutual approved for use in all Classes, Divisions and Groups. Fairbanks 5816 Direct Power Supply is approved for all intrinsic environments, except Groups A & B. Intrinsic safety is available on all QuickSilver IS Bench Scales, from 6 lb to 1,000 lb capacities, with all available platform sizes. The QuickSilver IS Bench Scale arrives pre-calibrated and ready to use. For NTEP applications, a certified Fairbanks technician must place the scale in service.

### SPECIFICATIONS

Capacities (See chart on back) . . . . .	2 to 1000 lbs.
Platform Sizes (See chart on back) . . . . .	10" x 10" to 24" x 24"; Type 304 Stainless Steel
Commercial rating . . . . .	5,000 divisions
Configurations . . . . .	24 scale platforms, 7 pillar options and 2 power options for more than 150 possible configurations
Indicator . . . . .	Tilt adjust; Easy Access Calibration Switch
Display . . . . .	0.75" tall, 6 character, 7 segment Liquid Crystal Display (LCD)
Filtering . . . . .	4 levels for vibration suppression
Controls . . . . .	Auto Tare; $\frac{BIG}{NET}$ (Gross/Net); Units; Zero; On; Off; Over/Under with 4 preset checkweigh ranges
Units . . . . .	lb, kg, oz, gm, selectable
Zero . . . . .	Programmable +/-2% or 100% of scale capacity
Auto Zero Tracking . . . . .	Off, 0.6, 1 or 3 divisions
Center of Zero Indicator . . . . .	Active when scale is within 0.25 divisions of zero
Power Requirements . . . . .	7 volt rechargeable nicad battery pack (removable, 65 hours continuous use, 250 hours in sleep mode); or direct power supply (not rated for group A or B)
Approvals . . . . .	NTEP COC #94-100A1 (platform), #92-050A1 (instrument); CSA; FM approved; MC AM5110.

### QuickFacts™

Models and specifications subject to change without notice.  
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[www.Fairbanks.com/QuickSilverIS](http://www.Fairbanks.com/QuickSilverIS)

Call toll-free for the Fairbanks representative nearest you:  
**(800) 451-4107**

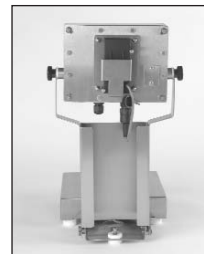
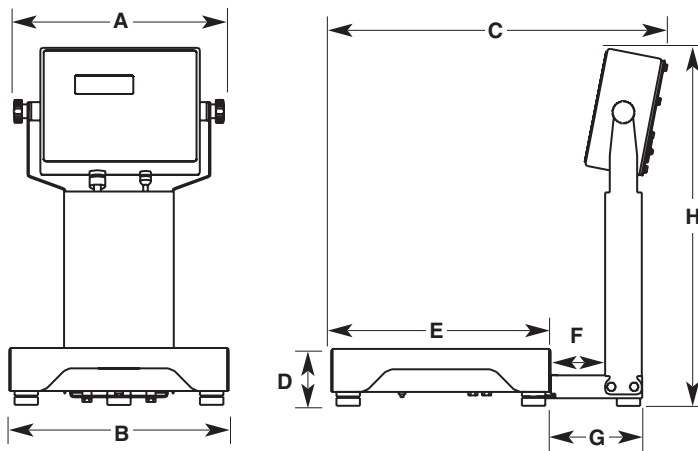
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## QUICKSILVER INTRINSICALLY SAFE, STAINLESS STEEL BENCH SCALES

### CAPACITY CHART: COMMERCIAL & NON-COMMERCIAL DIVISION SIZES

CAPACITY	Commercial Division Size			Non-Commercial Division Size		
	LB (POUNDS)	KG (KILOGRAMS)	OZ (OUNCES)	LB (POUNDS)	KG (KILOGRAMS)	OZ (OUNCES)
2 lbs	N/A	N/A	N/A	2 x 0.0005	0.970 x 0.0002	32 x 0.005
6 lbs	6 x 0.002	2.72 x 0.001	96 x 0.05	6 x 0.001	2.72 x 0.0005	96 x 0.02
10 lbs	10 x 0.002	4.54 x 0.001	160 x 0.05	10 x 0.001	4.54 x 0.0005	160 x 0.02
25 lbs	25 x 0.005	11.3 x 0.002	400 x 0.1	25 x 0.002	11.3 x 0.002	400 x 0.05
30 lbs	30 x 0.01	13.62 x 0.005	480 x 0.2	30 x 0.005	13.62 x 0.002	480 x 0.1
50 lbs	50 x 0.01	22.7 x 0.005	800 x 0.2	50 x 0.005	22.7 x 0.002	800 x 0.1
100 lbs	100 x 0.02	45.4 x 0.01	1600 x 0.5	100 x 0.01	45.4 x 0.005	1600 x 0.2
150 lbs	150 x 0.05	68 x 0.02	2400 x 1	150 x 0.02	68 x 0.01	2400 x 0.5
200 lbs	200 x 0.05	90.7 x 0.02	3200 x 1	200 x 0.02	90.7 x 0.01	3200 x 0.5
250 lbs	250 x 0.05	113 x 0.02	4000 x 1	250 x 0.02	113 x 0.01	4000 x 0.5
300 lbs	300 x 0.1	136 x 0.05	4800 x 2	300 x 0.05	136 x 0.02	4800 x 1
500 lbs	500 x 0.1	227 x 0.05	8000 x 2	500 x 0.05	227 x 0.02	8000 x 1
1000 lbs	1000 x 0.2	454 x 0.1	16,000 x 5	1000 x 0.1	454 x 0.05	16,000 x 2

Note: Capacities listed above are converted from pounds.



The QuickSilver's rechargeable 352 Battery Pack offers 65 hours of continuous use and 250 hours in sleep mode or direct supply.



5816 Direct Power Supply provides intrinsically safe power in all hazardous environments, except Groups A & B.

Platform Size	A	B	C	D	E	F	G	H
10" x 10"	11.43"	10"	16.37"	2.89"	10"	2.98"	4.98"	20.45" 10" Pillar
12" x 12"	11.43"	12"	18.37"	3.10"	12"	2.98"	4.98"	28.45" 18" Pillar
18" x 18"	11.43"	18"	24.37"	3.87" <sup>*</sup>	18"	2.98"	4.98"	40.45" 30" Pillar **
18" x 24"	11.43"	18"	30.15"	5.06"	24"	2.76"	4.76"	
24" x 24"	11.43"	24"	30.06"	5.77"	24"	2.67"	4.67"	

\* 4.12" for 300 lb model. \*\* H dimension for the 24" x 24" with a 30" pillar is 41.47.

### Service & Installation manuals:

Fairbanks Scales' intrinsically safe equipment requires special attention to the service and installation manuals. Serious damage could occur if guidelines are not followed.



Fairbanks' St. Johnsbury, Vermont manufacturing facility registered in compliance with ISO 9001:2000.