

Single Point Bench Scale



FEATURES

- Rugged square structural tubing scale base
- USDA approved 304 stainless steel option
- Integral bubble level
- Compatible with all BLH transmitters, indicators, and network products
- Optional 304 stainless steel clamshell shield for load cell washdown protection

DESCRIPTION

PLB Accumark™ bench scales are designed for high accuracy and repeatability in harsh industrial environments. Standard units are equipped with a stainless steel weighing surface, built-in shock and overload protection, and adjustable mounting feet with bubble leveling.

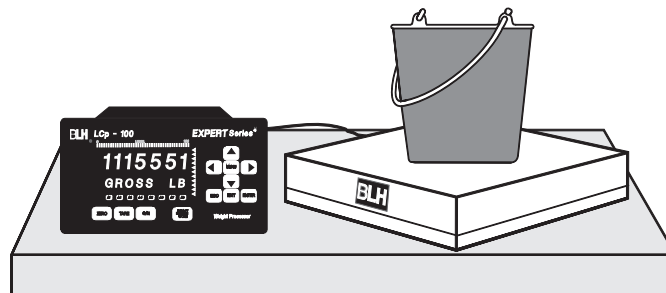
Low capacity 10" x 10" bench scales feature all stainless steel construction, including the scale base. Optionally, medium capacity scales are available with stainless steel base assemblies that meet USDA requirements and load cell

'clamshell' shields for added protection in washdown environments.

APPLICATIONS

- Measure small batch additives
- Pilot plant vessel weighing
- Container filling systems
- Food/pharmaceutical processing

CONFIGURATION



SPECIFICATIONS

Rated Output	0.91 mV/V
Repeatability	0.015% of rated output
Hysteresis	0.015% of rated output
Non-Linearity	0.015% of rated output
Creep	0.025% of rated output
Maximum Overload	200%
Overload Protection	5 point independently adjusted (shock absorbing spider 10" x 10")
Output Impedance	350 ohms (+ 3 ohms)
Input Impedance	415 ohms (+ 15 ohms)

Compensated Temperature

Range	+14°F to +122°F
Safe Temperature Range	-22°F to +158°F
Cable Length	10 ft - 6 wire shielded
Recommended Excitation	10 V

Approvals

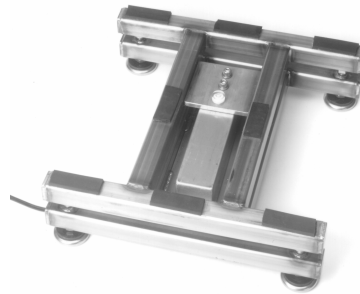
FM (Factory Mutual)	3611 (Class I, II, III; Div.1,2; Groups A-G)
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NOTE: On a special order basis, units are available with approval for Class I and II, Division 1 hazardous areas.

Cable Connection

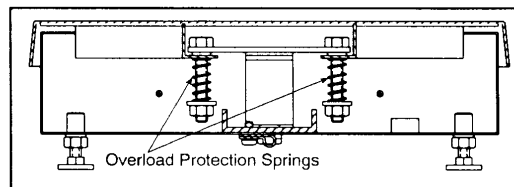
All models come with ten feet of color coded load cell cable. The color code for six and four wire connection is as follows:

SIX WIRE COLOR CODE	
COLOR	FUNCTION
Red	+ Signal
White	- Signal
Green	+ Excitation
Black	- Excitation
Blue	+ Sense
Brown	- Sense
Yellow/Bare	Shield



DIMENSIONS

Cover removed showing optional stainless steel clamshell shield, bubble level, and rugged construction with overload stops (12 x 12 and 12 x 18 inch models).



SIZES (INCHES)	CAPACITY	HEIGHT (INCHES)
10 x 10	5, 10, 15, 20 & 30lb	3.15
12 x 12	30, 50 & 100lb	3.62
12 x 18	50 & 100lb	3.62
18 x 18	50, 100, 150, 200, 250, 300, 500 & 1000lb	5.25
18 x 24	50, 100, 150, 200, 250, 300, 500 & 1000lb	5.25
24 x 24	100, 150, 200, 250, 300, 500 & 1000lb	5.25

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