



**scale
systems**

A United Dominion Company

402 SERIES BENCH SCALE

The Model 402 was specifically designed for use in rugged industrial environments for applications requiring precision weighing and counting. A solid weigh plate combined with shock load stop pads assures the Model 402 will provide years of dependable, accurate weighing and counting.

- General Industrial Weighing
- Shipping and Receiving
- Checkweighing
- Inventory Control
- Parts Counting



402 SERIES BENCH SCALE

SPECIFICATIONS

Display	LED, 6 digit, 0.8" (20.3mm) height Annunciators for gross, net, qty, center zero, motion, lb, kg and green, red, yellow LED's for relay status or checkweighing	
Indicator Enclosure	Zinc Die Cast, black powder coat	
Remote Button Input	Switch closure (momentary contact) to: TARE, PRINT, ZERO or Activate Output Relay	
Communications	RS232 Full Duplex, 150-9600 bps, selectable protocol	
Operating Temperature	-10°C to +40°C (-14°F to 104°F)	
Power Requirements	115VAC or 230VAC Wall Transformer or 12 – 26 VDC, Battery Option Available	
Overload Protection	150% of F.S. Capacity	
Warranty	2 Years	
Approximate Shipping Weight	9" x 9" x 3.5"	20lb
	12" x 12" x 3.5"	38lb
	18" x 18" x 3.5"	62lb
	18" x 18" x 5.25"	95lb
	20" x 20" x 5.25"	120lb
	24" x 24" x 5.25"	180lb
	24" x 30" x 5.25"	204lb
	30" x 30" x 5.25"	280lb

PLATFORM SIZES & CAPACITIES

Size L x W x H	Column Height	Capacities
9" x 9" x 3.5" 22.9 x 22.9 x 8.9cm	15" 38.1cm	5, 10, 25 lb 2, 5, 12 kg
12" x 12" x 3.5" 30.5 x 30.5 x 8.9cm		10, 25, 50, 100 lb 5, 12, 25, 50 kg
18" x 18" x 3.5" 45.7 x 45.7 x 8.9cm		50, 100, 250 lb 25, 50, 125 kg
18" x 18" x 5.25" 45.7 x 45.7 x 13.3cm		250, 500 lb 125, 225 kg
20" x 20" x 5.25" 50.8 x 50.8 x 13.3cm	21" 53.3cm	100, 250, 500 lb 50, 125, 225 kg
24" x 24" x 5.25" 60.9 x 60.9 x 13.3cm		250, 500, 1,000 lb 125, 225, 500 kg
24" x 30" x 5.25" 60.9 x 76.2 x 13.3cm		250, 500, 1,000 lb 125, 250, 500 kg
30" x 30" x 5.25" 76.2 x 76.2 x 13.3cm		500, 1,000, 1,500, 2,000 lb 225, 500, 750, 1,000 kg

STANDARD FEATURES

- Stainless steel, NEXA 4X (IP66) construction
- Painted carbon steel indicator columns are available in heights of 15" (38.1cm) and 21" (53.3cm) with indicator swivel bracket for multiple viewing angles Large, bright 0.8" (20.3mm) LED display
- Select a factory programmed printer/computer transmission or program a custom transmission tailored to your application.
- Designed to outlast conventional scales, heavy-duty construction provides up to 300% overload protection without damage to the scale.
- A durable rubber (elastomeric) keypad provides years of dependable operation, resists cracking and is impervious to the environment and most chemicals.

OPTIONS

- Hermetically sealed load cell, stainless steel.
- Load cell splash guard
- Scale Stand, painted carbon steel, adjustable height 24"(61cm) to 36"(91.5cm) add optional swivel casters to the Scale Stand for portability.
- Relay Output Module provides 3 outputs for controlling lights and solenoids or any device activated with 3-60VDC @2A or 20-280VAC @ 1A.
- Analog Output Module can be configured for 0-10VDC, 0-20mA or 4-20mA for additional system control.
- Battery Operation is available for applications that cannot stop when AC power is not available or when portability is required.
- RS485 Module provides the capability to multi-drop up to 251 scales at a distance of 4000 feet with a maximum baud rate of 115K bps, optically isolated.
- 20mA Current Loop Module gives the ability to communicate with active or passive devices at 9600bps with a maximum distance of 1000 feet.



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