

Bench/Floor Scale



Baseline HD

Heavy Duty Analog

Bench/Floor Scale

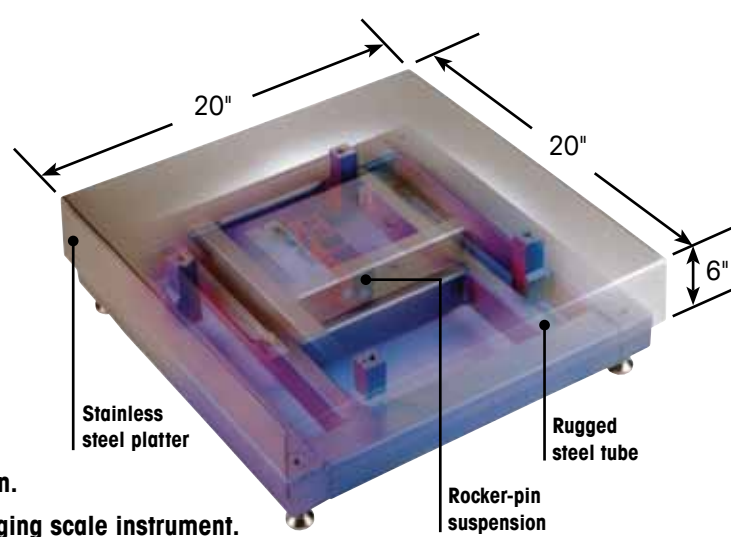


Robust Scale Bases

for Harsh Environments and System Integration

METTLER TOLEDO

Rugged Tube Steel Construction in Mild or Stainless Steel



- Stainless steel hermetically sealed load cell offers highest protection.
- Analog load cell allows upgrade of existing scale base without changing scale instrument.
- Enhanced resolution displays up to 1 part in 20,000 resolution in non-trade applications.
- Custom mounting plates...use same scale base for different applications.
- Approved for use in hazardous areas.

Robust HD Bench/Floor Scale

Bases are available in either mild steel or stainless steel construction. The proven analog load cell is the same load cell used in METTLER TOLEDO's premium VERTEX® floor scales. The load cell is hermetically sealed* for optimum protection. Both versions are built for harsh, rugged environments. They can withstand shock and overload up to 300% of capacity.

Customize Your Scale

An optional custom mounting plate is available to adapt the unit to your application. Mount conveyors, hoppers, mixers, small tanks, reactors, or other equipment. We will customize the mounting plate size, drill and pre-tap holes, or add mounting blocks in the factory to your specifications.

HD bench/portable floor scales are designed to meet the demanding needs of pharmaceutical, food, chemical or similar hostile, corrosive environments.

HD Specifications

Model	HD050*	HD100	HD250		HD500
Capacity	100 lb 50 kg	250 lb 100 kg	500 lb 250 kg		1,000 lb 500 kg
Standard Division Size	0.02 lb 0.01 kg	0.05 lb 0.02 kg	0.1 lb 0.05 kg		0.2 lb 0.1 kg
Platform Size	20 x 20 in 508 x 508 mm	20 x 20 in 508 x 508 mm	20 x 20 in 508 x 508 mm	24 x 30 in 610 x 760 mm	24 x 30 in 610 x 760 mm
Maximum Back Weight	50 lb	125 lb	400 lb		900 lb
Construction	Painted steel or 100% 304 stainless steel				
Top Platter	Stainless steel platter standard / custom mounting plate optional				
Shipping Weight	140 lb	140 lb	R 140 lb	L 230 lb	L 230 lb
Operating Temperature	-10°C to 40°C (14°F to 104°F)				
Load Cell Type	Stainless steel analog, single 350-ohm load cell				
Suspension	Rocker-pin assembly				
Load Cell Cable Length	15 ft standard / 30 ft optional				
Compatible METTLER TOLEDO Instruments	Most METTLER TOLEDO terminals				
Approvals	NTEP COC #99-013, Measurement Canada Approved				

*HD050 utilizes an environmentally sealed load cell with protective potted compound.

Options

- 19-inch and 39-inch columns
- Accessory mild steel or stainless steel mounting plate. Rugged 1/2-inch mounting plate to easily attach conveyors, hoppers, or other accessories.



Load Cell

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Specifications subject to change without notice.
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For more information



Produced in a facility that is

