

Miniature Bending Beam

Applications

- Platform and packaging scales
- Tank scales
- Belt scales

Features

- Low profile for low capacity scales
- Electroless nickel plated high alloy tool steel construction

Description

- MBB is designed for low profile platform scales and tank scales in low capacities. It is constructed of high alloy tool steel which offers superior performance in creep characteristics and shock load capabilities over standard aluminum units.
- MBB is fully potted and sealed with special chemical compounds to protect the cell from water and moisture damage. (IP65)
- MBB Interchangeable products:
 - Scentroidronics 65007
 - Interface MB

Specifications

Standard Capacity	50, 100, 150, 250 lb		
Recommended Excitation	10 V AC/DC	Compensated Temp. Range	-10°C to +40°C
Maximum Excitation	15 V AC/DC	Operating Temp. Range	-20°C to +60°C
Output at Rated Load	3 mV/V±10%	Zero Balance	±1%
Combined Error	0.03%	Input Resistance	385±5 Ω
Non Repeatability	0.02%	Output Resistance	350±3 Ω
Creep (20 minutes)	0.03%	Insulation Resistance(50VDC)	>5000 MΩ
Zero Return (20 minutes)	0.03%	Deflection at Rated Load	<0.5mm
Temp. Effect/10°C on Span	0.015%	Safe Overload	200%
Temp. Effect/10°C on Zero	0.026%	Ultimate Overload	300%

All Specifications Listed Subject To Change Without Notice