



UNIVERSAL SCALE SPECIFICATIONS

Rated Output	0.900 ±0.0009mV/V
Combined Error	0.030 %R.O
Creep @ 30 min	0.030 %R.O
Zero Balance	5.0 % R.O.
Temp Effect Output	0.0015% R.O./ °F
Temp:Effect Sensitivity	0.0008 % R.O./ °F
Comp.Temp. Range	-10 - +40°C
Oper. Temp. Range	-10 - +65°C
Input Resistance	297.5 ± 10% ohm
Output Resistance	250 ± 5% ohm
Excitation	5-15 Volts
Safe Load Limit	300 % Emax
Ultimate Load	400 % Emmax
Max. Cornering Err.	0.06% 1/2 full scale load, 1/2 way to corner

DEVICENET OUT SPECIFICATIONS

Resolution	20 bit
Update Rate	10 or 55 per second*
Averages	0-255 selectable
Temp Coefficient	<0.0023%/C.
Input Power	11-25VDC
Type	Generic
I/O Slave Messag.	Polling
Baud Rates	125K, 250K, 500K
Inputs	Gross, Net, Tare
Outputs	Weight: Metric/Engl., Zero & Tare, WAVERSAVER, Calib. Type, Span Weight (Hard Cal), Cal Low Value, Cal High Value, # of Averages

*depending on WAVERSAVER settings

ANALOG OUT SPECIFICATIONS

Loop Power	15-50VDC across scale. A 15V min. would be with 0 ohm load; add 20mV/ohm to the min. loop voltage. A 500 ohm load would require 25V min. loop voltage.
Linearity	0.11% of full scale
Response Time	250 milliseconds
Temp. Range	0 to 60°C
Temp. Coefficient	0.025%/°C

ANY-WEIGH® Bench Scales

The **ANY-WEIGH**® Bench scales provide complete flexibility in size and capacity for use in a wide range of weighing applications. With their rugged construction and stainless steel tops, **ANY-WEIGH** Scales are a great fit for both laboratory and industrial installations.

The **ANY-WEIGH** line of bench scales can be configured with standard interfacing to a weight instrument or with a built-in, direct connection to a PLC or PC.

Universal Scale - HI xxxxSBU-Cx*

Directly attach the scale's 15-foot cable to any weighing instrument or controller. If interfacing with a Hardy Controller, you can take full advantage of WAVERSAVER®, and C2® Electronic Calibration.

DeviceNet Scale - HI xxxxSBD-Cx*

With its built-in DeviceNet interface you can use this scale to provide a weight output to any point on a DeviceNet Network. This version also incorporates both the WAVERSAVER® and C2® technologies, and comes with a six-inch pig-tailed connector.

Analog Scale - HI xxxxSBA-Cx*

Use the Analog Output Scale to provide a 4-20 mA output directly proportional to the weight reading. This version offers a low-cost, effective solution for bringing an analog weight reading directly into a control system, with minimal additional wiring or hardware, and comes with a 15-foot 2-wire shielded cable.

**x* indicates Size and Capacity

MODEL	CAPACITY lb (kg)						
	SIZE in. (mm)	33 (15)	66 (30)	130 (60)	330 (150)	660 (300)	1300 (600)
HI 1212SBS/D/A	12x12 (298x298)	X	X	X	X	X	X
HI 2020SBS/D/A	20x20 (500x500)			X	X	X	X
HI 2424SBS/D/A	24x24 (600x600)			X	X	X	X
HEIGHT (H) in (mm)							
HI 1212SBS/D/A		1.54 (39.1)	1.56 (39.6)	1.62 (41.2)			
HI 2020SBS/D/A				1.65 (41.9)	1.68 (42.7)	1.87 (47.5)	2.05 (52.1)
HI 2424SBS/D/A					1.65 (41.9)	1.68 (42.7)	1.87 (47.5)

