TOLEDO INTEGRATED SYSTEMS

AutoCell – Calibration Load Cell with Bluetooth



No one else manufactures anything like the AutoCell™, a calibration standard load cell with built-in instrumentation for measuring dynamic tonnage applied by metal forming presses.

The AutoCell is a self-contained, strain gage-based load cell that is calibrated on equipment traceable to the National Bureau of Standards and A2LA accredited. Standard digital AutoCells are available in 2K lbs, 10K lbs, or 50, 100, 250, 500, 750, 1000 and 2000 ton capacities.

Calibrations and press checks are now quick and easy. The AutoCell is a compact, easy-to-use unit without extensive setup, additional instruments or cables. Our AutoCell can be used as a standalone calibration unit or with our ForceView app via Bluetooth. It is easy for anyone to place AutoCells into a press and get immediate tonnage readings for press calibration and testing.

Our Bluetooth AutoCell together with the Forceview App can generate calibration reports automatically right on-site. Calibration data is sent to the app through Bluetooth wireless technology. The app intuitively guides the user completing the calibration and creates a linearity chart and calibration report in PDF and Excel formats. Forceview app currently in Android smart phone version and Windows laptop version. iPhone version is coming soon.



CERTIFIED

The AutoCell is a self-contained strain gage-based load cell that is calibrated on equipment certified to ASTM E74. The AutoCell is accredited by A2LA.

WIRELESS

The AutoCell with Bluetooth is a wireless calibration load cell. This AutoCell communicates with our Forceview app through Bluetooth. No need to string cables across your machinery when calibrating; the AutoCell display is powered by a rechargeable 9V lithium battery.

FORCEVIEW APP

Available in Android smart phone, and Windows laptop versions. It collects calibration data from the AutoCell's and tonnage monitor and automatically creates the calibration report

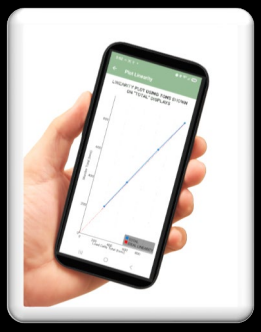


VERSATILE

The AutoCell can be used to verify press calibration, working tonnage, production and tonnage monitors and hydraulic overloads. Display units are user selectable, US Tons or Metric Tons

ACCURACY

The AutoCell displays tonnage in 1 ton increments at an accuracy of +/- 0.5% FS.



QUALITY

Constructed with the highest quality alloy steel for the longest life of any cell on the market today.

TECHNICAL SUPPORT

Toledo Integrated Systems can provide on-site press calibrations with our Bluetooth AutoCells.

	All AutoCells
Accuracy	+/- 0.5% FS
Non-Linearity	+/- 0.3% FS
Non-Repeatability	+/- 0.1% FS
Overload	150% of capacity
Threshold Setting	Measurements begin at 3% of capacity
Display Units	US Tons or Metric Tons, user selectable
Power	Rechargeable 9V lithium battery, 12 hours of use per charge

	AC-2K	AC-10K	AC-50
Capacity	2,000 lbs.	10,000 lbs.	50 tons (US)
Dimensions	5.25"L x 5.21"W x 4.0"± 0.0005 H	5.25"L x 5.21"W x 4.0"± 0.0005 H	5.25"L x 5.21"W x 4.0"± 0.0005 H
Weight	8 lbs.	8 lbs.	9.25 lbs.
Resolution	1 lb.	10 lbs.	.1 ton
Threshold	60 lbs.	300 lbs.	1.5 tons
Operation Mode	Peak or Track	Peak or Track	Peak or Track

	AC-100	AC-250	AC-500
Capacity	100 tons (US)	250 tons (US)	500 tons (US)
Dimensions	5.25"L x 5.21"W x 4.0"± 0.0005 H	7.19"L x 7.75"W x 5.0"± 0.0005 H	9.00"L x 7.40"W x 7.0"± 0.0005 H
Weight	9.25 lbs.	26 lbs.	70 lbs.
Resolution	0.1 ton	1 ton	1 ton
Threshold	3 tons	7.5 tons	15 tons
Operation Mode	Peak or Track	Peak or Track	Peak or Track

	AC-750	AC-1000	AC-2000
Capacity	750 tons (US)	1000 tons (US)	2000 tons (US)
Dimensions	9.00"L x 7.4"W x 7.0"± 0.0005 H	11.30"L x 9.70"W x 9.0"± 0.0005 H	17.00"L x 15.00"W x 14.0"± 0.0005 H
Weight	81 lbs.	150 lbs.	500 lbs.
Resolution	1 ton	1 ton	1 ton
Threshold	23 tons	30 tons	60 tons
Operation Mode	Peak or Track	Peak or Track	Peak or Track

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