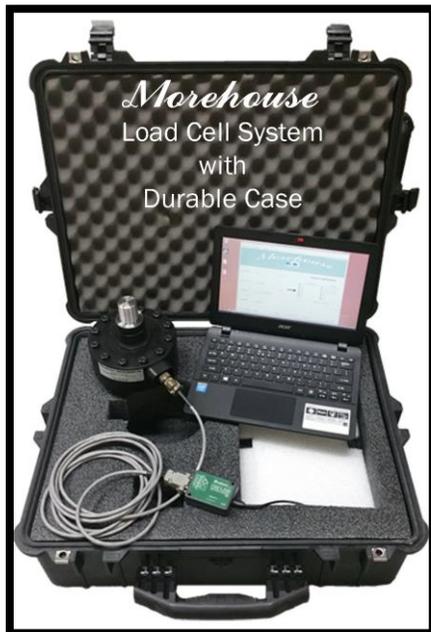


## Morehouse Direct Reading Load Cell Systems

For ASTM E4, ISO 7500, and General Field Calibration.



Direct reading in accordance to ASTM-E74 and ISO 376 when using a computer interface with Morehouse DSC or HADI indicator and Morehouse custom software.

The Morehouse direct reading software eliminates the need for load tables. This system was designed to make calibration easier for the end user by using the coefficients from a calibration report and applying them to the "live" signal of the indicator.

System pictured left: MH DSC indicator, Precision load cell, and computer with Morehouse software for data logging and conversion of mV/V values to engineering units.

### Advantages:

The system's "AS RECEIVED" calibration is the same as the system's "AS RETURNED" calibration, no adjustments to the indicator are needed. The system is setup so that the load cell's native output in mV/V is used to characterize the load cell during calibration. Then, when the load cell is calibrated again, the new calibration coefficients are entered using the data supplied by Morehouse. The calibration data report issued is always in mV/V.

The system is a true direct reading system that complies with ASTM E74 and ISO 376. It requires a computer, and uses coefficients from ASTM E74 or ISO 376 calibrations to generate the value for the load being applied. The end user can read direct engineering units in lbf, kgf, kN, or Newtons.

## Morehouse Load Cells



Morehouse load cells are available in several models. The Precision model is the preferred choice for field testing. The susceptibility to eccentric loading is reduced by trimming the cell with the threaded adapter installed.

The Morehouse Precision model load cell has guaranteed accuracy of 0.01 % of capacity, or better, and ASTM Class A lower limit of 4 % of capacity, or better. This cell meets ISO 376 Class 0.5 requirements

The Morehouse Calibration model load cell has guaranteed accuracy of 0.02 % of capacity, or better, and ASTM Class A lower limit of 8 % of capacity, or better. This cell meets ISO 376 Class 1 requirements.

*Pictured: Morehouse shear-web type load cell.*

Contact a Morehouse representative today [info@mhforce.com](mailto:info@mhforce.com)

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