

# **Interlaboratory Comparison (ILC) Rental Kit**



# **Standard Features**

- Rental kit includes a load cell, adapters, 4215 indicator, cable, calibration certificate, and instructions
- Available with a 25k or 100k load cell
- Calibration is done in accordance with ASTM E74 to establish an expected performance
- Calibration is performed 1-2 days before shipment
- Options for compression only, tension only, or compression and tension calibration
- Kit is safely transported in a custom case
- 21 days allowed from shipment to return of rental kit
- Helps satisfy ISO/IEC 17025:2017, Section 7.7.2 requirement for interlaboratory comparisons
- PT report available from Sapphire Proficiency Testing (optional)



### Make Better Measurements

Morehouse wants to help you make better force measurements. Our goal is to provide a very low overall uncertainty for direct comparison. The low uncertainty allows for a more robust method to ensure laboratories meet their claimed CMC uncertainties. This service is offered to:

help laboratories validate their CMC claims and make the necessary adjustments to their systems as needed
satisfy the ILC requirement

#### What is Proficiency Testing?

According to ISO/IEC 17043:2010, proficiency testing (PT) is the "evaluation of participant performance against pre-established criteria by means of interlaboratory comparisons."

#### What is Interlaboratory Comparison?

According to ISO/IEC 17043:2010, interlaboratory comparison (ILC), is the "organization, performance and evaluation of measurements or tests on the same or similar items by two or more laboratories in accordance with predetermined conditions."

## Using an ILC Rental Kit

Once the end-user receives the ILC rental kit, they will perform their tests. If the rental kit will be used to help validate the system, then a calibration certficiate will be sent with the kit. **If the end-user wants a PT report, then a calibration certficiate will not be sent.** Morehouse does not offer PT because it would be a conflict of interest. However, Morehouse and the end-user will send data to a third party PT provider like Sapphire Proficiency Testing.

Morehouse allows for 21 days from shipment to return of the rental kit. Assuming a worst-case scenario five-day shipment, this provides at least one week for the end-user to make the measurements. We encourage anyone with a transit time longer than three days to opt for 2nd-day shipment, which would allow two weeks for testing.



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