

The PMLD-5000XLT is used to manually apply precise forces when calibrating force gages and load cells. The device was designed to be portable without the need for air, hydraulics, or electricity. It's simple to operate and guaranteed to save time!

Key Features:

- ✓ Simple and fast set-up
- ✓ Accurate, repeatable, stable forces
- ✓ Portable and light weight
- ✓ NO tools required
- ✓ 5,000-lbf (25KN) in tension and compression
- ✓ Easily adapt to any load cell or force gage
- ✓ Self-aligning to cancel bending moments

System Variants:

1. Mating with EN or SI Reference Standards¹
2. Lower calibration force optimization²
Optimization levels: $\pm 1,000$ -lbs or $\pm 3,000$ -lbs

Selection Guidelines:

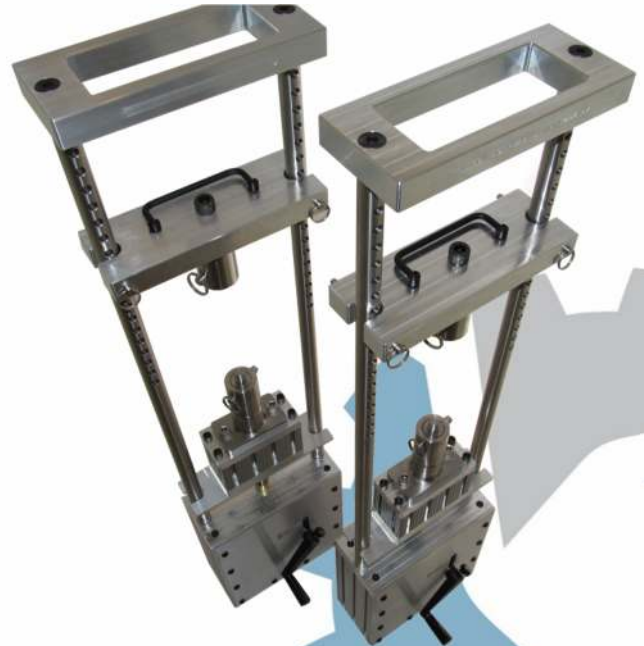
The PMLD-5000 XLT is an excellent choice when a lab already owns a reference standard and readout but wants a new system for applying stable and repeatable loads.

Companion Products:

- Universal Receivers: UR-625-18, UR-M16-2
- Force Gage Adapter System: FGA-500
- Plug and Play Adapters: All

Notes:

1. Depending on the model, reference standards typically come with either 5/8-18 or M16x2 threads. The customer is encouraged to supply the model number of the existing reference standard prior to ordering to ensure the PMLD-5000XLT is built with the correct mating thread.
2. The PMLD-5000XLT can be fine-tuned to provide the most accurate and stable load applications. The default configuration is optimized for a loading range of $\pm 5,000$ -lbs. However, some systems will never be used in the higher end of the range and can be optimized for lower loading levels.



PMLD-5000XLT Dimensional Specifications

