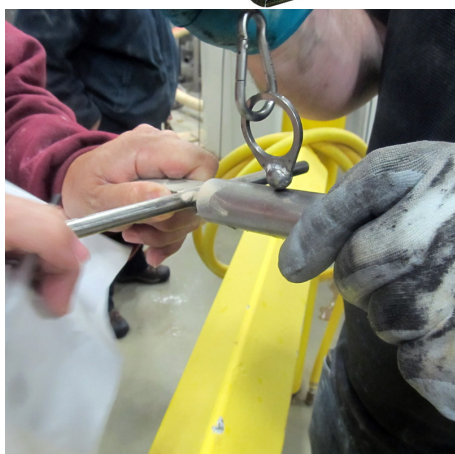




# PULL TEST KIT



MPI's pull test kit is the most accurate and easiest method to test the strength of your magnets. This easy-to-use, compact gauge fits into tight areas and is battery-operated (four AA batteries included.). Boasting a capacity of 44 lbs. / 20 kg, MPI's pull test kit can measure pull in pounds, ounces, kilograms, newtons or kilonewtons and can maintain the last reading after release. Packaged in a hard sided foam-padded carrying case, this compact unit includes all needed accessories and can be used to test a complete range of magnet types and configurations.

The documentation generated from this test can be used for compliance in a Hazard Analysis and Critical Control Point (HACCP) plan or for documentation requirements under The Food Safety Modernization Act (FSMA).

## Kit Includes:

- 1 - Compact digital scale
- 4 - Ferrous metal reference devices:
  - o (1) 1/4" sphere attached to a stainless steel ring
  - o (1) 1/2" sphere attached to a stainless steel ring

- (1) 1" sphere attached to a stainless steel ring
  - (1) 1" x 3" x 1/8" bar
- 2 - Non-ferrous metal spacers to determine magnetic field gradients  
1 - 1 lb. reference weight to calibrate the pull test scale  
1 - Reference magnet to test polarity  
1 - Instruction manual with procedures and application definitions; magnet profile report; magnet inspection record; magnet inspection log  
1 - 12' tape measure  
1 - LED flashlight  
1 - Lock-out tag kit

## Specifications

- Power supply: (4) replaceable AA batteries
- Size: 5.24" x 1.75" x 3.00"; weight: 8.83 oz.
- Capacity: 44lbs. / 50 kg
- Peak force data capture
- Accuracy:  $\pm 0.5\%$  full scale for any measurement
- Units of measure: pounds, ounces, kilograms, newtons, kilo-newtons
- Display: .75" x 1.8" (19mm x 46mm)
- Auto-off: five-minute timer (may be disabled)

## Options

- NIST Certified kit available
- Optional analog scale