

## DIGITAL FORCE GAUGE KITS

*Also featuring the popular optional Accessibility Test Probe Fingers and Discs*

The ED&D **PFI Series** Force Gauge is the most sought-after force gauge in the industry. They are state-of-the-art, and housed in an ergonomically-shaped, rugged case. They are powered either by mains adaptor or rechargeable AAA batteries (included). The digital force gauge can be used handheld or fixed to our test stand to enable testing under controlled conditions, for Push or Pull measurements (includes RS-232 port). As you can see from the photo, a padded, custom-cut carrying case is included. Most customers also purchase the accessibility test fingers and discs which are required by the various product safety standards and requirements (UL, CSA, IEC, CE, MIL-Spec, etc).



**ED & D, Inc.**

901 Sheldon Drive, RTP (Cary), NC 27513  
(919) 469-9434 / (800) 806-6236 / Fax (919) 469-5743  
[www.productsafet.com](http://www.productsafet.com)

**The world's most accurate and rugged digital force gauge line**  
**Our mid-range PFI is an easy-to-use, affordable force instrument.**

It can be used handheld or fixed to our manual test stand for excellent testing performance, providing consistently accurate force measurement.

*For improved accuracy and additional functionality, have a look at the [Advanced Force Gauge series](#)*



### Key Features

- High accuracy  $\pm 0.25\%$  of full-scale
- 'Live' display mode for continuous monitoring
- Ultimate peak hold
- N, kN, mN, gf, kgf, lbf and ozf measurement units
- Data output - RS232, digimatic and analog
- Overload warning
- Combines with data acquisition software for additional test evaluation options

6 models, 10N to 2500N (2.2lbf to 550lbf)

### What's included

- NIST-traceable ISO 17025 accredited certificate
  - Compression plate
  - Test hook
  - Extension rods
  - Rechargeable batteries (NiMH)
  - Main adapter / battery charger
  - Rugged carry case
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- One year warranty included

CE

**MOST POPULAR MODELS:** PFI-50N, PFI-200N, PFI-500N, PFI-1000N

Consider purchasing the PFI-50N for accessibility tests that require force, and also the PFI-1000N and the handle attachment for stability testing requirements. Note: We also offer a manual test stand for performance of the various tests.



**Gripping Cradle** (in use at left): Enables comfortable 2-handed operation for testing push/pull loads



Accessory handles for higher level Newton force tests...  
 Highly Recommended above 500N

Great for stability testing!



**Pistol Grip accessory**  
 (Pictured at right)



**Manual test stands available**  
 (Pictured at left)

**Accessibility Finger Probe and disc attachments available!**



## CALIBRATION SERVICES



The risks of using poorly calibrated equipment are well understood: Poor quality (or even unsafe) product leading to returns and loss of reputation, unnecessary waste etc. A properly calibrated measuring device can save money and reduce risk.

When you buy a test system, machine, gauge or sensor from ED&D, you can be sure that it has been manufactured to the highest possible standards. It will also have been calibrated in our dedicated climate-controlled calibration facility by well-trained and experienced staff.

**ED&D is ISO/IEC 17025 accredited by ACLASS - - an ILAC Member**

**Results are accepted internationally! Re-calibration services available, please contact us for details**



***Degreed / Expert level technicians! Fast, professional service!***