



The PLX-Portable

Fast and reliable pipeline material verification,
backed by industry-leading accuracy



Meet the PLX-Portable

Boasting industry-leading accuracy and insensitivity to vibration, the PLX-Portable delivers reliable yield and tensile strength numbers quickly, non-destructively, and in-situ, with report-ready data available immediately at the dig site.

Core components



Indenter Module



Rugged PC & Software



Profilometer Module

Optional add-on



Industry-leading accuracy

The PLX-Portable has set a new industry standard, with record accuracy values and the lowest MAPE values for yield and tensile strength.

Streamlined, scalable testing

Simplified surface preparation and 30-minute testing times deliver quick results, with complimentary 2-day training to get your teams up and running fast.

Reliable, repeatable data

Simple, guided operation, automated testing and system safeguards keep you free from risk of technician error and data uncertainties.

Free instant reporting

Get final results right at the dig site — no delays, no further steps, no extra cost. Reports are instantly generated and accessible anywhere via the cloud.



audubon

"The PLX-Portable tool enables us to provide fast and reliable material verification, which will result in safe, compliant pipelines and facilities over their lifetime."

Joel Troyer

Vice President of Industrial Solutions
Audubon

A simple, guided process

Our dedicated PTW software will take you through the testing process, with simple, guided steps and checks to make sure everything is working as it should.



Structural Integrity Associates, Inc.[™]

"I'm glad that we've begun using the PLX-Portable system. It's definitely streamlined the process for me. It's cut my time in half, and at the same time I know the data is reliable so it's a win-win for us.

Brent Maples
Senior NDE Specialist
SIA Associates

Trusted by the industry

With certified users spanning North America, the PLX-Portable has become a trusted tool in pipeline integrity efforts nationwide. Designed with pipeline professionals in mind, the PLX-Portable is trusted by industry leaders to tackle the toughest in-ditch challenges.



Certified User Training Course

Delivered at our US operations base in Houston, our two-day practical training course gets your team trained, certified, and ready for the field in record time. Designed to equip inspection teams with the hands-on experience and practical knowledge needed to operate the tool with confidence, this course covers everything from efficient surface preparation to troubleshooting and maintenance. By the end of the course, participants are certified to test with the PLX-Portable, ensuring accurate, reliable results.

Complimentary support

Quality support shouldn't cost extra. From our base in Houston, our complimentary user support keeps you up and running with expert help, anytime you need it.



"Thank you for putting together a great training session... Our team left with a good handle on the tech and are excited to get going in the field. I particularly appreciated that it was light on slides and heavy on practical with every tech practicing every step multiple times."

Andrew Dirats
Division Manager
Acuren



Everything included. No extra costs.

We believe in fair and transparent pricing. With the PLX-Portable, you'll have complimentary access to everything you need, from Certified User Training, to top-tier support from our dedicated team of technical support representatives.

✓ FREE Software updates	✓ FREE Practical training
✓ FREE Servicing	✓ FREE Calibration
✓ FREE Repairs & replacements	✓ FREE Archiving & reporting

Superior accuracy you can rely on

The PLX-Portable has established a new industry standard for accuracy, consistently delivering the best numbers in the market, most recently verified by a leading 2024 industry report comparing technology vendors.

Below is an overview of our own performance data, including blind tests conducted in collaboration with several leading North American pipeline operators.



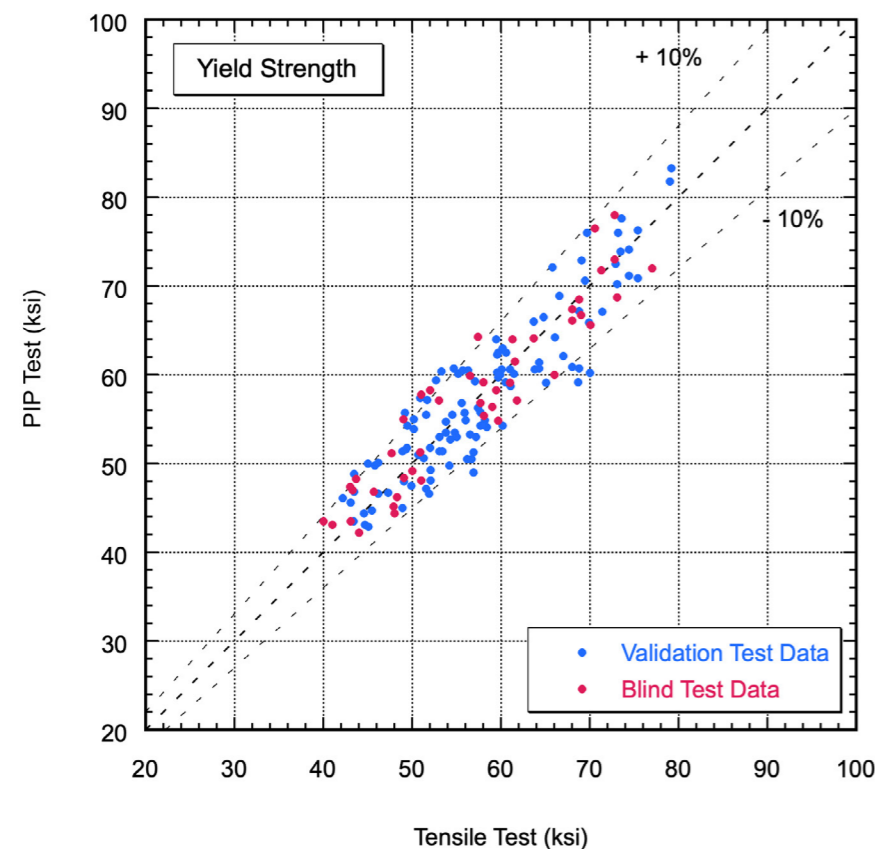
Structural Integrity Associates, Inc.™

"Through our extensive technical due diligence process, it was clear that Plastometrex brings the best combination of accuracy, ease of use, and technical support in the market."

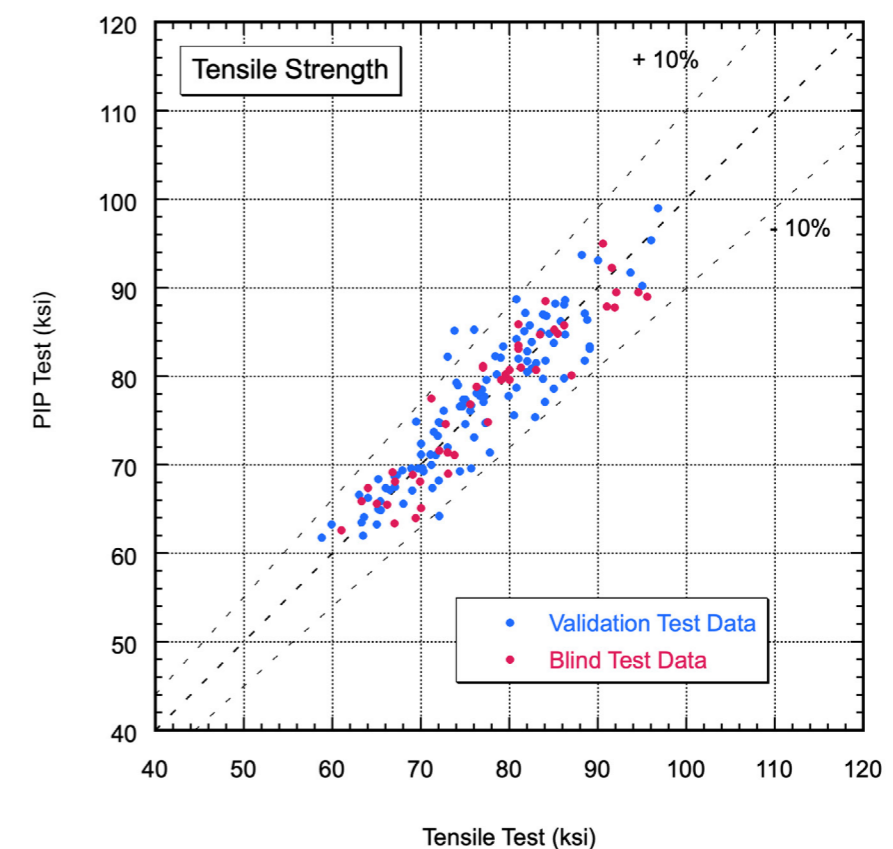
Roger Royer

NDE Strategic Leader
SIA Associates

YIELD STRESS



ULTIMATE TENSILE STRESS



Reimagining non-destructive mechanical testing

Plastometrex are world leaders in obtaining yield, tensile strength and other key stress-strain data quickly and non-destructively.

 **Plastometrex**

babcock

RENISHAW 

Nikon



AIRBUS

Our test solutions are based on PIP (Profilometry-based Indentation Plastometry), our underlying platform technology that combines our deep expertise in materials science with powerful material simulation and advanced hardware.

Plastometrex systems support companies, universities and research organisations around the world. They help users gain in-depth understanding of their metal parts and materials, for a fraction of the time and cost of conventional testing methods.



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