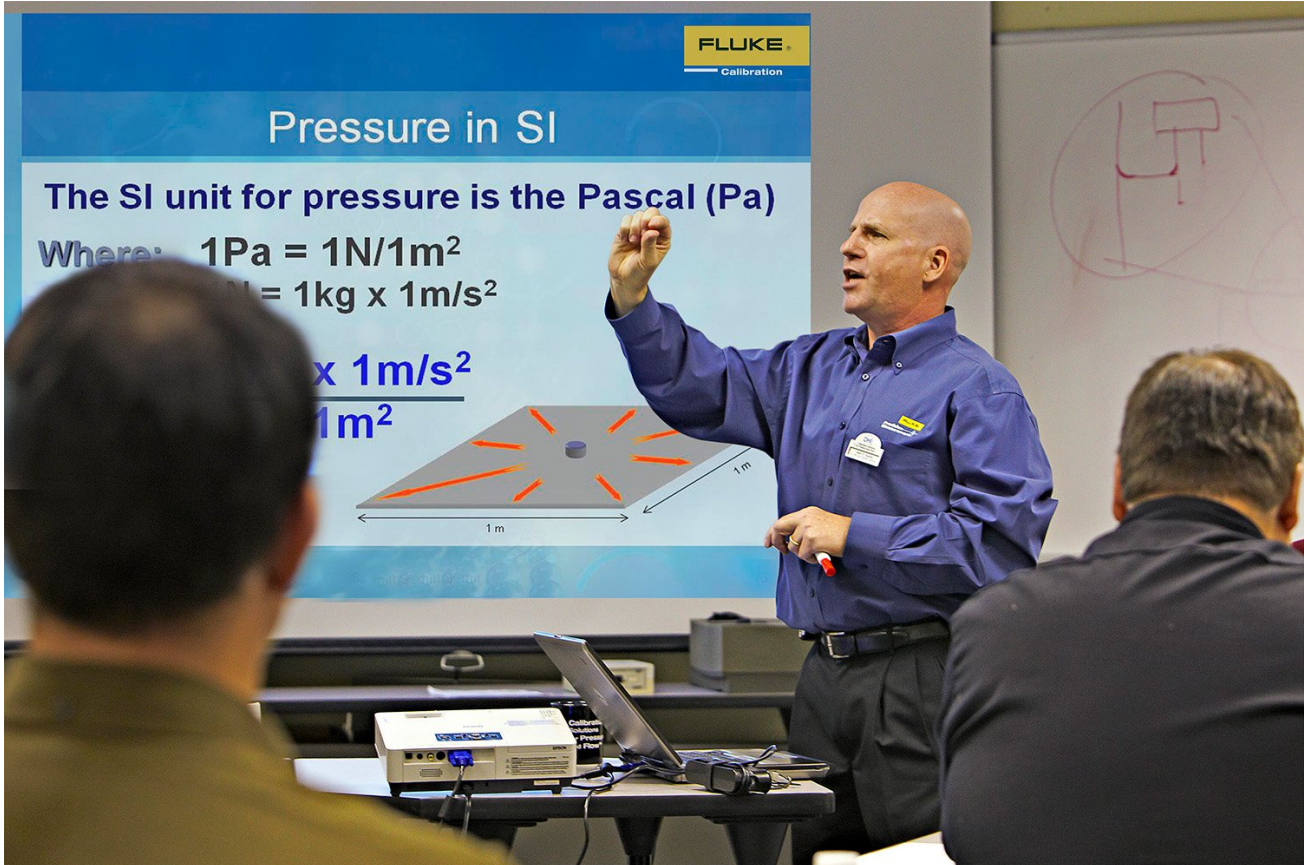


Advanced Piston Gauge Metrology



Key features

Course topics:

- Complete Piston Gauge theory including term by term discussion of the pressure equation
- Review of all Piston Gauge modes and calculation of required mass loads for each
- How to maintain and calibrate the piston gauge metrological elements
- History and challenges in traceability of Piston Gauges
- Determination of effective area by dimensional characterization and crossfloat
- Hands on crossfloat of gas and hydraulic piston-cylinders
- Calibration of crossfloating to determine the effective area of piston-cylinders
- Sources of uncertainty and uncertainty analysis of pressure and effective area

Product overview: Advanced Piston Gauge Metrology

Price *

\$ 4,195.00

Date(s)

October 20 - 24, 2025
(Class size: 12 seats)

[Register now](#)

Duration

5 Days

Location

4765 E Beautiful Ln Phoenix, AZ 85044-5318, USA

Synopsis

Focus is on the theory, use and calibration of piston gauges and dead weight testers.

** Pricing subject to change at any time*

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Fluke Corporation
PO Box 9090, Everett, WA 98206 U.S.A.

For more information call:
In the U.S.A. (800) 443-5853
In Canada (800) 36-FLUKE
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