

Metrology

001. Why ValSource for Metrology?

ValSource calibration and validations teams work together - solving overlaps in process and eliminating scheduling challenges between the project and a third party.

ValSource is also ISO 9001 Accredited for Calibration and Calibration Related Consulting Services for Pharmaceutical, Biotechnology, Medical Device, and Other Tech Companies. ISO 9001 Accreditation ensures our defined process and procedures are high quality, effective and consistently meet client expectations.



002

Pipettes

- Calibrations ranging from 1 μ L to 10,000 μ L using ISO 8655 specifications
- Single Channel
- Multichannel
- Repeaters
- Electronic

004

Mass

Mass Range: 10kg to 1mg

- Scales
- Min Weigh Testing (USP41)
- Balances
- Tanks

003

Staffing Capabilities

- Turnkey program start ups and management.
- CMMS data migration, implementation, and coordination.
- CMMS program development, scheduling and execution.
- Laboratory start ups and commissioning.
- Creating and monitoring uncertainty budgets
- Long term and short term staffing needs
- All technicians are trained by our SME prior to release to our customers
- All industry standards and procedures are reviewed to meet current industry requirements and technologies

005

Gases

- O₂
- CO₂
- H₂O₂





006

Speed

RPM Range: 5 to 200,000 RPM

We can calibrate any device within this range of our standard. Accuracy is $\pm 0.01\%$ of reading. For most speed related devices, our TAR would be approximately 100:1

- Centrifuges
- Mixers
- Shaker
- Pumps

008

Pressure

Automated Processes

- - 1 psi to 1000psi ($\pm 0.02\%$ FS)
- +30"H2O
- Analog Pressure Gauges
- Digital Pressure Gauges
- Pressure Transmitters
- Level Transmitters
- Differential Pressure
- Magnehelic Gauges
- Pressure Switches

010

About ValSource

- Since 1996, ValSource has worked with hundreds of pharma, biopharma, and medical device organizations around the world.
- Our 350-strong talent force has proudly served our clients as advisors, trusted consultants, and highly experienced program managers.
- We offer a complete line of services to ensure client projects speed-to-market and success.
- Our experienced staff is by your side – from start to finish.

007

Temperature Capabilities

Temperature Range: -200°C to 420°C

We can calibrate any device that has an accuracy as tight as $\pm 0.25^\circ\text{C}$ while maintaining our 4:1 TAR which includes but is not limited to:

- Incubators
- Refrigerated Centrifuges
- Refrigerators
- Walk-in Refrigerators/Freezers
- Temperature Transmitters
- Room Temperature Devices
- Freezers
- Autoclaves
- Ovens
- Water Baths
- Cryo Temp/LN2
- Heat Blocks

009

Light

0 FC to 40KFC

011

Learn More



ValSource.com



info@valsource.com



610.269.2808



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