PYCit

Pycnometer Calibration

A comprehensive and integrated software package based on the American Petroleum Institute's (API) Chapter 14 - Natural Gas Fluids Measurement, Section 6 - Continuous Density Measurement.
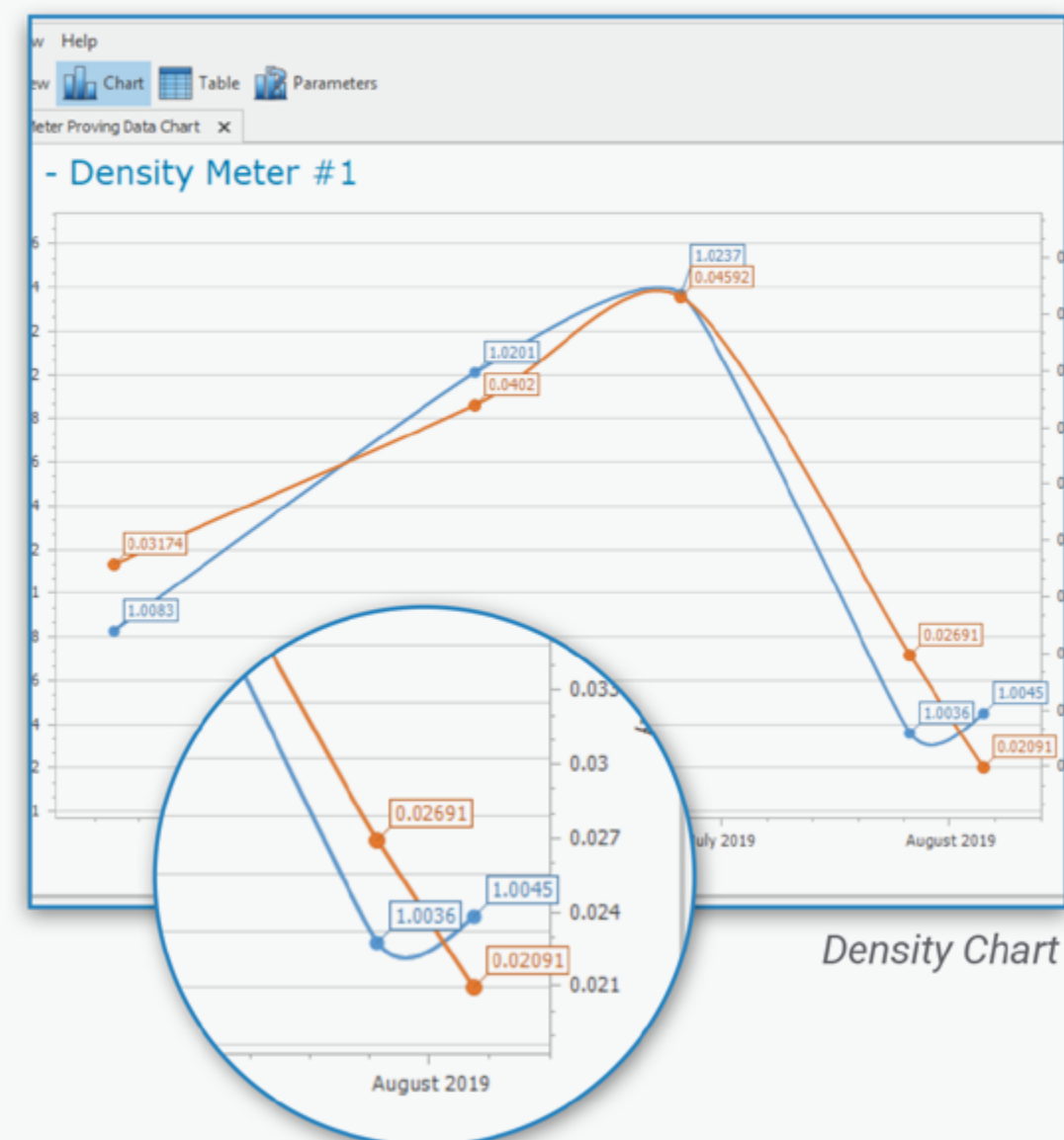
Density Meter Proving

PYCit uses a stand-alone or networked database to access density meter and associated proving data. Additionally, an unlimited number of pycnometers and related calibration data can be added to the database for quick and easy retrieval. Once the flowing conditions have been entered, PYCit calculates the DMF and performs a historical comparison to the meter's prior DMFs. Users can then review the current and historical factors in tabular and graphical formats to identify patterns or trends.

- Determination of fluid density at flowing/ operating conditions

- Multiple density types available during corrections

- DMF control charts with user-configurable views

Density Chart

Density Meter Proving

Reports and Queries

Producing standard reports has never been easier. Reports can be printed, emailed, or saved in a variety of formats including Adobe Acrobat (.pdf) and Microsoft Excel (.xls). Ad Hoc queries and custom reports can be created by Quorum or in-house staff.

Integration

Seamless integration between TESTit, PROVEit, and PYCit consolidates meter history for enhanced reporting and convenient access to important measurement data.

Other Features

- Support for both SQL Server and Oracle databases (server applications)
- Support for US customary SI units
- Microsoft Windows-style interface
- Configurable proving tolerances for repeatabiity and DMF control
- Detailed historical data retention
- Advanced user and system security
- Customizable user preferences

- Integrates with TESTit and PROVEit applications
- Drag and drop capabilities between Outlook .vcf format and contact repository
- Functionality for scheduling exports or manually importing/exporting prove data
- Reports adhere to API calculation standards