

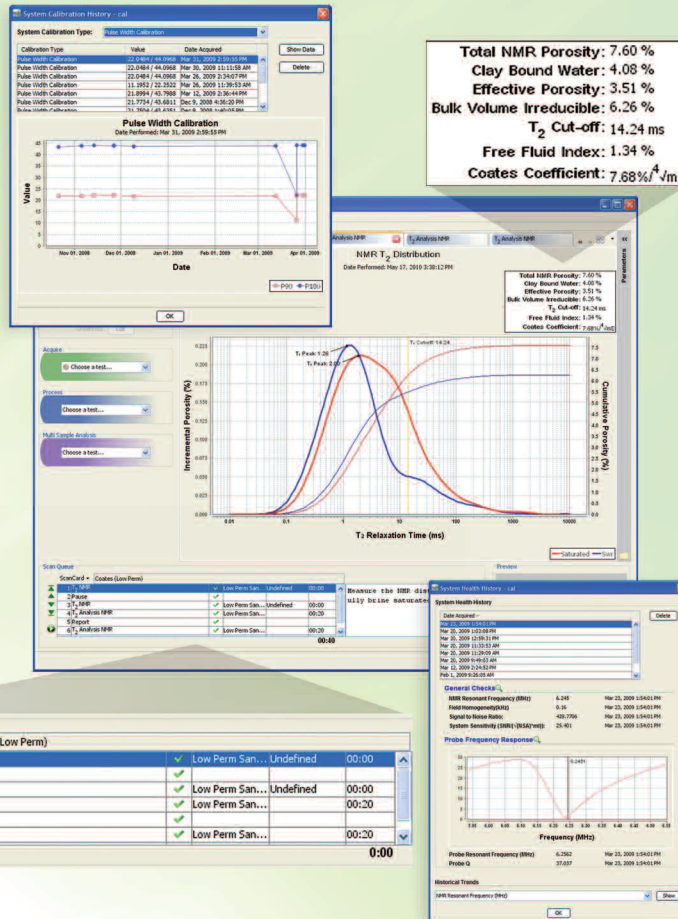
Green Imaging Technologies and **Oxford Instruments** offer a unique platform for NMR core testing and well log calibrations. This seamless integration of Green Imaging Technologies software with Oxford Instruments' industry-leading line of rock core analysis instruments delivers unprecedented usability – an **all-in-one solution for NMR rock core measurements**.

MEASURE:

- T_1 and T_2 pore size distributions
- Automatic FFI, BVI, CBW, effective porosity, and T_1 and T_2 cut-off computations (either hard cut-off or spectral)
- Hydrogen Index
- Standard permeability models supported (Coates and T_2 log mean)
- Ability to compute the model coefficients or permeability from standard values

SIMPLIFY:

- Robust database storage with backup and restore capabilities
- Direct control of NMR instrument (MARAN Ultra, MARAN DRX, or GeoSpec)
- Protects hardware and maintains calibrations
- Simple, intuitive user interface
- Customizable reporting
- Remote database storage
- Multi-site configurable
- Scan Automation (Scan Cards)



No NMR Expert... No Problem!

CLARITY

- Easy-to-understand acquisition, processing, and reporting
- Intuitive Windows-based user interface

SIMPLICITY

- Eliminates spreadsheets by providing robust sample management tools
- Built-in hardware controls and calibration
- Makes NMR scanning by non-experts a reality

USABILITY

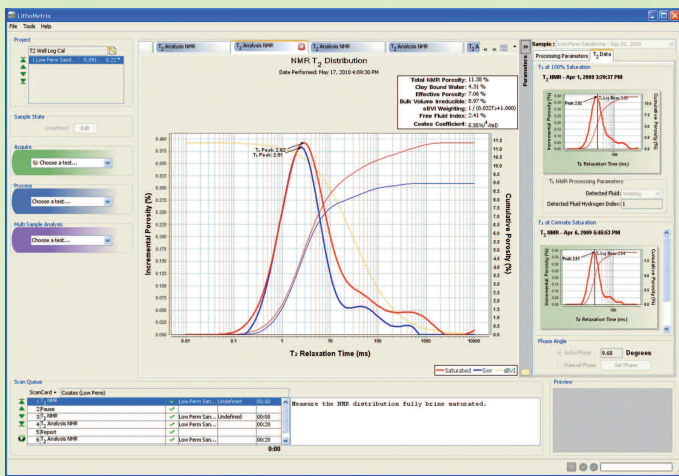
- Improve log calibration with reservoir-specific relaxation times
- Simple scanning and processing queues
- Fully customizable reporting

MULTI-SAMPLE ANALYSIS

LithoMetrix allows the user to create Projects that can include **multiple related samples**. Users can open a Project and perform acquisition and processing on a single sample, or perform analysis across multiple samples. This feature allows users to perform **statistical analysis** and other comparisons.

Building on the scan automation feature, multiple sample analysis continues GIT's commitment to making our client's NMR rock core lab as efficient as possible.

Need to perform advanced Analysis? Seamlessly upgradeable to GIT's advanced SCAL software, GIT Systems.

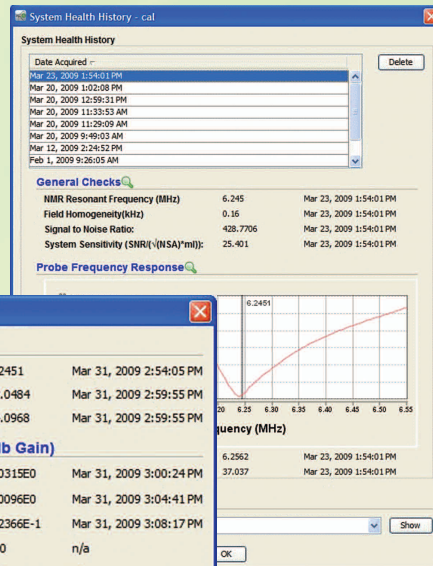


Acquire, view, and process NMR data through the intuitive tab-based display.

Real-time system feedback allows operators to **monitor scan progress** and display data as it is acquired. Scans can easily be stopped and restarted, while the built-in timer counts down remaining scan time.

Monitor system health and calibrations and track changes over time with built-in instrument calibration and controls. **Hardware protection** within the software also prevents the user from exceeding the hardware capabilities, increasing up-time for the system.

Manage and store test results in the robust, comprehensive SQL database. **Data are searchable** by multiple criteria including project, job number, date, sample identifier or location.



LithoMetrix allows the user to run queues (**Scan Cards**) to acquire and process data. The **Scan Cards** can be stopped and started at each preparation step. Included are **preprogrammed protocols** for various NMR tests including protocols for T₁ and T₂ well log calibrations. Use our existing **Scan Cards** or build your own. Once configured, a Scan Card allows the user to simply push a single button and then follow the steps to the end result (the reports can even be generated automatically). This greatly simplifies measurements and **reduces errors** from incorrect procedures.



GeoSpec CoreTest

Oxford Instruments and GIT have partnered to provide an **all-in-one** NMR Rock Core Analyzer solution. Included is a 2 MHz GeoSpec NMR instrument with specifications to meet the needs of routine core testing, and the LithoMetrix software.



The Business of Science®

This complete solution makes it easy for users looking to do routine NMR core analysis, to purchase a "standard" system that will allow them to get **accurate results in a short timeframe**.

For more information on the CoreTest product line please email: magres@oxinst.com



LITHOLOGIES
LithoMetrix has been proven effective in multiple lithologies.



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