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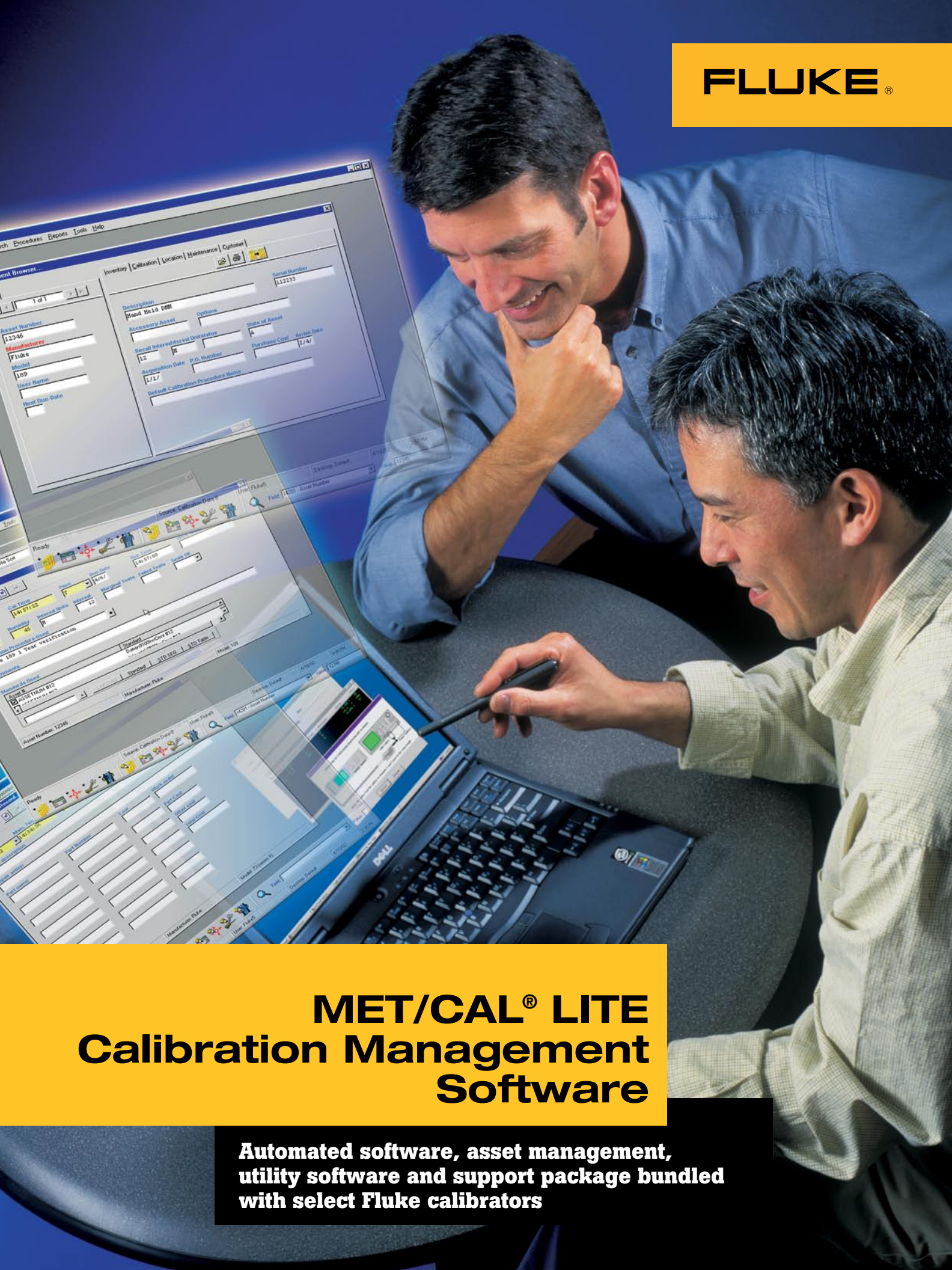


# MET/CAL® LITE Calibration Management Software

**Automated software, asset management, utility software and support package bundled with select Fluke calibrators**

# MET/CAL LITE delivers automated calibration that is easy, powerful, and a great value

**MET/CAL LITE provides all the tools you need to:**

- Perform automated calibrations—including computer-aided, closed-case, and closed-loop calibrations—with 8508A multimeter, 5500A, 5520A and 5320A calibrators.
- Create, edit, test and document calibration procedures.
- Configure and report a wide range of measurement uncertainty parameters and include verification data to provide an audit trail and support further analysis.
- Track asset information including calibration and maintenance history and status, traceability, users, customers, and location, and have the option to access this information over the Internet.
- Analyze and report asset information; produce printed certificates and reports.
- Make data available to other corporate systems.
- Import asset and calibration data into MET/CAL *Plus* software.
- Meet the requirements of quality standards like ISO 9000, ANSI Z540, ISO/IEC 17025, NRC 10 CFR and others.

MET/CAL LITE features IEEE-488 control for complete hands-free automation, as well as RS-232 (serial) operation, ideal for use with laptop computers. It is fully compatible with the MET/CAL *Plus* suite of applications, so you can share data with existing MET/CAL and MET/TRACK® stations on your network.

**Fast, repeatable calibration**

With self-documenting procedures, operators complete all tests and collect the appropriate data the same way every time. Plain messages and graphics guide technicians through each step. These tools simplify operation and help the technician perform complex calibrations.

Monitor test results in a pop-up window, with color coding to indicate passed, marginal, or failed tests. MET/CAL LITE captures complete calibration results. When the procedure is complete, results are saved to the database, where you can review them on screen or print a certificate or report.

**Full storage of calibration data**

A MET/CAL calibration record documents calibration status, history, adequacy, test details, and traceability for all of the test and measurement instruments you calibrate with the 5500A, 5520A or 5320A calibrators.

**Library of basic reports**

MET/CAL LITE includes a library of English-language reports to enable you to easily create basic documents like calibration certificates, recall reports, and test data. These reports can be modified to create your own custom reports using Crystal Reports for Fluke (sold separately).

**MET/CAL LITE brings the power of MET/CAL® software to selected Fluke calibrators for an unbeatable combination of efficiency, wide workload coverage, and value.**

**MET/CAL LITE provides all of the automated calibration and test and measurement asset management capabilities of MET/CAL *Plus*, in a lower cost version designed for use with these Fluke products:**

- **5500A Multi-Product Calibrator**
- **5520A Multi-Product Calibrator**
- **5320A Multifunction Electrical Tester Calibrator**
- **8508A Reference Multimeter**

**Add more workstations**
If you need additional calibration workstations or more MET/TRACK terminals, you can add licenses to your MET/CAL LITE package. Simply purchase the license product you need and apply the new license to your installed MET/CAL LITE.

**MET/CAL procedures**
The MET/CAL LITE product includes access to the MET/CAL procedures library. A wide variety of procedures exists for the 5500A, 5520A and 5320A calibrators. Use them "as is" or as templates to write your own custom procedures.

**Manage metrology assets the easy way with MET/TRACK® software**
MET/TRACK software is the powerful test and measurement database management system that manages inventory, calibration location, maintenance, and customers for MET/CAL LITE. MET/TRACK software delivers flexibility, power, and security not available in generic database applications. And it supports the traceability and record-keeping requirements of quality and accreditation standards, including ISO/IEC 17025, ISO 9000, QS 9000, EN 45000, ANSI Z540 and MIL STD 45662A—without requiring you to write your own programs, set up your own databases, or test and document the system.

**Data integrity you can count on**
To ensure that information is entered correctly every time, MET/TRACK software offers two types of data validation, where you can set up drop-down lists or "choice lists" to ensure that critical data is always entered consistently.

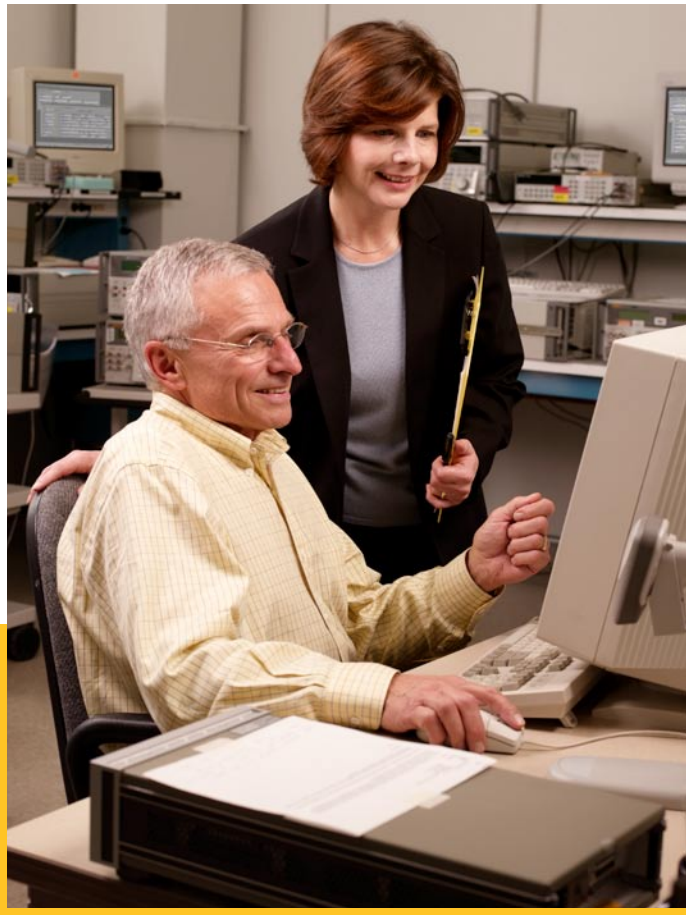
To make data entry even faster and more accurate, you can link key fields on MET/TRACK forms so that selecting an item in one field causes other fields on the form to populate automatically. For example, selecting "87" in the model field might set the manufacturer's field to "Fluke" and the description field to "DMM."

**Unmatched security**
Five levels of security, from "read only" to "system manager," ensure only authorized users gain access to your data. Additional security features include establishing expiring passwords and minimum password lengths.

Virtually any type of instrument—electrical, mechanical or dimensional—can be managed with MET/TRACK software, even if it does not require calibration, or requires calibration by a calibrator not covered by MET/CAL LITE. And, whether the calibration interval is measured in days, weeks, months, even use cycles, you can count on MET/TRACK software to keep you up to date.

**Barcode Magician® software enables real-time batch updates**
Barcode Magician software lets you automate updates to multiple assets with the entry of a simple action code. You can enter the action code on your keyboard or use a barcode reader to update the MET/CAL LITE database in real time, increasing productivity while reducing data entry errors.

A one-year license for Barcode Magician is included with MET/CAL LITE.



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## MET/CAL LITE and MET/CAL *Plus* comparison

| Feature | MET/CAL LITE | MET/CAL *Plus* |
|---|---|---|
| Available as a standalone software program | No (only available with purchase of 8508A multimeter, 5500A, 5520A and 5320A calibrators) | Yes |
| Instrument control | 8508A multimeter, 5500A, 5520A, and 5320A calibrators | A wide range of instruments from Fluke and other manufacturers |
| Connectivity IEEE 488 GPIB and RS-232 | GPIB Interface must be purchased separately | GPIB Interface must be purchased separately |
| Reports | Basic library included | Includes a wide range of reports, plus Crystal Reports for Fluke for creation of custom reports |
| Networking capability | Yes | Yes |
| Manuals | Electronic format (.pdf files) on CD-ROM | Printed manuals |
| MET/TRACK software | Included | Included |
| MET/SUPPORT Gold | Must be purchased separately | Must be purchased separately |
| Barcode Magician | 1-year license included | Must be purchased separately |
| License | Included | Must be purchased separately |
| Additional MET/CAL, 5500CAL and MET/TRACK workstations | Must be purchased separately | Must be purchased separately |

**Fluke.** *Keeping your world up and running.*™

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Printed in U.S.A. 11/2006 2741493 B-EN-N Rev A
Pub_ID: 11162-eng Rev 01