FLUKE ®

Calibration

Testimonials

Manual MET/CAL®
Calibration Management
Software

Describe the application for which you are using Manual MET/CAL software.

"We're a metrology lab inside the larger company. We have mechanical test equipment, electrical test equipment, optical test equipment...a lot of specially built equipment to test different sections of the military equipment we're building. There's electronics, optics, mechanicals. We cover the whole range of calibration of equipment. Plus there's off-the-shelf equipment...multimeters, frequency counters, oscilloscopes, torque wrenches, crimp tools."

"There's a lot of manual calibration going on…with the mechanical test equipment there's quite a bit of manual data entry. So we developed from Manual MET/CAL about 250 different data sheets that we use to calibrate individual equipment. We use Manual MET/CAL for some of the home made fixturing and test tools, some of the power supplies that are not programmable. We think we will use Manual MET/CAL to assist us with 1,200 calibrations/year."

Steven O, Senior Metrologist,
Defense Industry

"We use it with instruments which don't have any communication or serial ports."

"With temperature...the customer has different points for calibration. There isn't always a specific point. One customer may want to calibrate at 20-50-80, another wants 30-60-90. The same instrument, same model but the calibration points are different. It depends on the application. The customer may use the same model in a different environment or a different usage. We ask what are the points, what is the accuracy—it's almost like a dialog with the operator."

"We now have the advantage of printing all the reports – including instruments for which we are using Manual MET/CAL – through MET/CAL using Crystal Reports."

Slava P, Lab Supervisor,
Instrumentation and Controls Sales Representative

"We do all our in-house calibration, everything that we use to manufacture, and of course we're under FDA regulations as well as ISO and all of that. We calibrate multimeters, oscilloscopes, all our tooling, mechanical calibration, calipers and so on—the whole range. I think in the database we have over 3,000 mechanical and over 2,000 electronic. We are using Manual MET/CAL for calibrating 3,000 mechanical instruments, and we use MET/CAL for the electronic equipment."

Joe S, Calibration Manager,
Medical Device Manufacturer

"We do a lot of manual-type applications—micrometers, torque wrenches, pressure gauges."

"We have a heavy marine part of our business. We adjust compasses on ships and we actually go on the ships and do all the gauges and meters and so on that are on ships. Recently we had a job we did that we worked for a month, calibrating every pressure gauge and meter on a ship. I think we ended up handling like 600 gauges. A lot of that is off-site work."

"We've used Manual MET/CAL a lot because of the way you can set up a data sheet and use it for the data entry. We wanted to be able to get everything into one database and be able to pull stuff back up, track our calibration, the recalls and all that kind of

Customers are talking about Manual MET/CAL Calibration Management software. Here's what they are saying about how they use it, why they chose it, and how they like it.

"It's quite flexible, easy to use, a simple database and helpful."

"I'd say it's already perfect, an amazing product overall."

"I think the product's great. It solves a lot of issues for me."

"We really didn't look at anything else."

"It's a big time saver..."

stuff. If you're doing micrometers, let's say, that's not something you can automate. You have to write down the data. In the past we've transferred it to an excel spreadsheet, because that was the quickest way. But now you've got 2000 excel spreadsheets saved to your system and from a database management perspective that's not a good way to do it."

"In our office our heaviest business is pressure gauges and torque wrenches, but we also do micrometers, calipers, a lot of different dimensional-type calibration work, for which we use Manual MET/CAL."

Ed W, Quality Manager,
Nautical and Navigational Instrument Repair

"Will be used for inputting manual calibration data into the database and for manual tools."

"Record data for micrometers, physical, hand tools."

"I can now do batch calibrations for some of these manual tools."

Jeff B, Metrology Engineer,
Defense, Security and Aerospace Company

What are the top features of Manual MET/CAL software?

"Incorporating data into MET/TRACK®. Ease to create a data sheet, it's very user friendly. To be able to maintain types of reports and see what's available."

Steve S, Senior Metrologist,
Defense Industry

"Multiple items you can do at the same time; helps in batch calibration. The results can be easily or automatically transferred to MET/CAL database."

Slava P, Lab Supervisor,
Instrumentation and Controls Sales Representative

"You can automatically generate the calibration report when you're done. You can input the data into a database, back into MET/TRACK®."

Ed W, Quality Manager,
Nautical and Navigational Instrument Repair

"Linking the procedures to the assets. Linking instructions to the procedure."

Joe S, Calibration Manager,
Medical Device Manufacturer

How has Manual MET/CAL software helped in your operation?

"The advantage is that anything that's not automated or not programmable we can use Manual MET/CAL to do the calibration, do the data sheets. It integrates everything into MET/TRACK and it is a little bit easier to use than using the MET/CAL process, for mechanical and dimensional instruments."

"We have a lot of manual...equipment and specialized stuff that's not off the shelf and it's not straightforward. MET/CAL has all specific models and pre-done procedures. When we need something specialized and we don't need the programming part of it, Manual MET/CAL is the thing to use."

Steven O, Senior Metrologist,
Defense Industry

We can do...five-ten units under test (UUTs) at the same time. We test ten models to some point, and we have the results for ten of them at the same time. Manual MET/CAL allows us to make entries right at the same time. If we need to make changes we don't need to know the MET/CAL language, the commands or something. It's very easy to do that with Manual MET/CAL. It saves time.

Slava P, Lab Supervisor,
Instrumentation and Controls Sales Representative

"Being able to link (the record) to the particular piece of equipment or per asset. Once it's linked you know what procedure. Out of those equivalents I think right now we have close to 100 procedures. If you had to go look through all of the procedures and try to find which one, it's a daunting task. With Manual MET/CAL you can put in the asset number and if you have a procedure assigned to it it will bring that procedure up automatically. The instructions can be linked directly to the calibration. Before, you had to go find the directory, you had to pull up the blank spreadsheet, see what it was—I think we counted up once we had to go through something like a 20-step process. It's now down to three or four."

Joe S, Calibration Manager,
Medical Device Manufacturer

"Once we get all these data sheets created and everything is in the system, then every time the same equipment comes back in, there'll be significant time saving because we won't have to do anything—we'll just pull the datasheet up and run it. That will be a huge time saving because everything's already there. You just pull up the datasheet and run the calibration."

Ed W, Quality Manager,
Nautical and Navigational Instrument Repair

"Its a huge time saver, and we now have all our results in one database."

Jeff B, Metrology Engineer,
Defense Security and Aerospace Company

Fluke Calibration. *Precision, performance, confidence.*™

Electrical	RF	Temperature	Pressure	Flow	Software