



Subject : Thermal Validation Systems – Two Choices – Only Two Companies

January 30, 2008

Dear Validation Professional,

You may not be aware of it but there are **only two companies** that can provide thermocouple based and wireless based validation systems for all your environmental chamber validations. One company has dominated the market for over forty years and it has been considered by many as the only choice for thermal validation equipment. Locked-in with a proprietary hardware/software platform and no competition, pharmaceutical companies had no other alternative but to pay premium prices for equipment & services. This situation continued until **Lives International** entered the market over eight years ago.,

1999

Lives International introduced a thermocouple based system called **XpertVal**. The XpertVal system offers a non-proprietary hardware/software platform. The system utilizes the Fluke Hydra (20 channels) or the HP Agilent (60 channels) dataloggers for high accuracy thermocouple measurements. The XpertVal software supports fully automatic calibrations or verifications with your present calibration equipment (i.e. LTR, HTR, IRTD) or you can use other baths and reference probes from Kaye, Lives, Hart or Ametek. The software provides all the reporting features and calculations for complete validation documentation (no need to export data to Excel). All system capabilities are 21 CFR Part 11 compliant and all reports can have electronic signatures.

2003

Lives International introduced a wireless datalogger system called **XpertLog**. The XpertLog dataloggers provide highly accurate and stable measurements for temperature, humidity and pressure. Many major pharmaceutical companies have selected the XpertLog system for the following reasons:

Small Size & Light Weight – No transfer of heat load to chamber.

*Loggers can be used in a **wide range of applications** (i.e. -80 freezers, freeze dryers, refrigerators, incubators, stability rooms, warehouses and autoclaves)*

*Software supports **automated calibrations or verifications** for Kaye, Hart and Ametek calibration baths and reference probes.*

Comprehensive Reporting Features – No need to use third party software (i.e. Excel)

Built-in calculations and statistics easily added to the test reports (Fo, MKT etc.)



Software supports **electronic signatures** for paperless reviews.

Significantly **less expensive** than stainless steel loggers

Lives Partial Customer List:

Baxter Healthcare	(XpertLog)
Biomerieux	(XpertLog)
Eli Lilly	(XpertLog)
Genzyme	(XpertLog)
GlaxoSmithKline	(XpertVal and XpertLog)
Hikma	(XpertVal)
Merck	(XpertVal and XpertLog)
Organogenesis	(XpertLog)
Organon	(XpertVal)
Pfizer	(XpertVal and XpertLog)
Sanofi Aventis	(XpertLog)
Schering Plough	(XpertLog)

If you are looking for a better alternative, please consider the XpertVal and XpertLog systems from Lives International. Join the growing number of validation people who have found that the Lives systems can significantly reduce their validation time & equipment costs. Also, consider the new validation products now available from Lives:

NEW: Ultra Low Temperature Loggers for –80 C to 100 C Range.

NEW: Ultra Low Temperature Dry Bath for calibrating –90 C to 125 C Range

NEW: XpertVal and XpertLog Equipment Rentals

Please contact me for more information or if you would like to arrange a system demonstration.

Sincerely,

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