

The Management

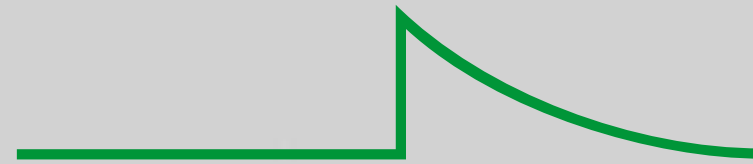
The recently announced merger of LEMKE DIAGNOSTICS GmbH and HV TECHNOLOGIES, Inc has also assembled a dedicated ownership and group management consisting of well-known and established individuals in the HV Test and Measurement Industry.

Eberhard Lemke is the founder of Lemke Diagnostics GmbH and completed his education with a PhD from the Technical University in Dresden. In 1987, Dr. Lemke was appointed Professor of High Voltage Technology. He is a member of CIGRE, IEEE, VDE and author of many technical publications and holder of various patents. He continues to be the primary force in the R & D activities of our group.

Alain Bolliger attended the Technical College in Basel, Switzerland and moved to the USA where he received a BA at West Virginia University and his MBA from the University of Maryland. Alain Bolliger held various Technical and Senior Management positions in the High Voltage Testing Industry before he founded the USA subsidiary in 1998. He is a member of IEEE and is primarily responsible for the group marketing and business development.

Thomas Strehl studied electrical engineering at the Universities of Munich and Berlin and graduated with a Masters Degree in Electrical Engineering. Before joining LEMKE DIAGNOSTICS GmbH in 1997, he worked as scientific assistant at the Technical University of Berlin, where he was primarily involved in research and teaching of partial discharge diagnostics. He is an author of various publications on PD diagnosis and high voltage testing and primarily responsible for the realization of our innovative product line.

The Group



HV Testing, Monitoring and Diagnostics is our business

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Dear Clients,

We are excited to present another LDIC News. In this edition, we are pleased to introduce our advanced Mobile Dielectric Test System for Capacitance, Loss Factor, and Partial Discharge Measurements – LDV-5/E.

We would also like to take advantage to introduce our management and share the newest information of our companies .

If you wish to get more detailed information about our products and services, please do not hesitate to contact us either by telephone, fax or e-mail.

Your LDIC-Team

Mobile C/Tan- δ -Test System LDV-5/E

The Mobile HV Test and Measuring System LDV-5/E was designed for dielectric measurements on-site and is mainly used for the application on instrument transformers, power transformers and rotating machines. Periodic routine and maintenance tests can now be carried out cost-effectively.



Hardware

Hardware

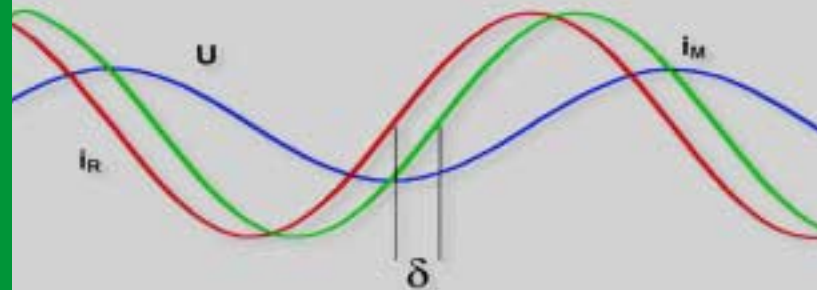
The user-friendly software allows fully automatic measurements and analysis in real-time mode. A variety of graphic evaluation features allow for easy generation of test protocols. Furthermore, the measured data can be stored in an EXCEL-Spreadsheet for easy set-up of an user-specific test report.

Technical Specifications:

Output voltage:	up to 20 kV (R.M.S.)
Output power:	up to 40 kVA _r
Frequency range:	30 – 400 Hz or fixed (e.g. 50/60 Hz)
Power supply:	230/115 V, 600 VA

The amplification, digitizing and acquisition of the dielectric parameters are completely realized via potential-free sensors. Due to the optical and digital data transmission, grounded test objects can be tested without any problems. In addition, the measuring system is immune to stray fields and electromagnetic interference.

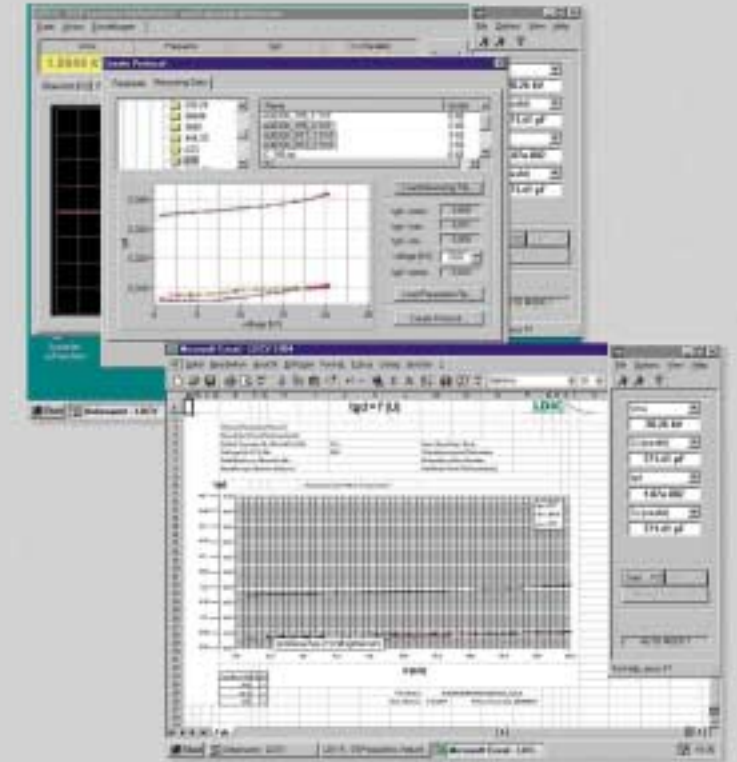
The interfered harmonics can be avoided by frequency selective measurements.



Software

Software

The automatic balancing guarantees very high precision. In addition, due to the direct measurement, very fast time changing polarization processes can be recorded in the time domain.



Impedance parameters are displayed graphically and in real-time records. Due to automatic storing routines, it is possible to record long-time analyses.

Furthermore, this system can also be expanded for PD measurements if combined with our Digital PD Measuring System LDS-6.