

Technical Press Information

SIMPAC operating and control system for VTU/VTL heating and drying ovens.

Vötsch Industrietechnik have introduced a new generation of operating and control systems for the established heating and drying ovens. SIMPAC is a user-friendly upgrade of all previously offered systems. The redesigned, comfortable operating surface enables easy handling by the operator.

The new SIMPAC control system is suitable for all Vötsch heating and drying ovens, clean room dryers, vacuum chambers, dry heat sterilisers and ovens for continuous processes. These heating systems are utilised in research and production of the electronic and automobile industry, plastics- and metal-processing industry, chemical and pharmaceutical industries as well as in many other sectors.

Even in a tough production environment, convenient input and output of any process data which is necessary for control, is possible via the colour touch panel. This is available in 3,5" and 8" sizes. Operation and control via intranet and Internet browsers is supported by the integrated web server. All control systems are equipped with a network interface ETHERNET. Additional interfaces even allow an extension of the measuring devices.

The measured data is made available to a higher data management system via the local PC, intranet, Internet or linkage to a SQL data base. All production and process data is stored and can be printed graphically. For evaluation, data export to other programs is possible.

The SIMPAC with the software package SIMPATI networks up to 99 chambers that can be controlled and monitored simultaneously via one PC. The previous control system allowed a networking of only 32 chambers. Programs for automatic processes can be created directly via the colour touch panel at the oven or via the SIMPATI software on a PC. A multi-level password protection prevents unauthorised access of SIMPAC and the SIMPATI software.

The wireless BarCode-scanning technology can be used with SIMPAC and SIMPATI. Prior to the start of a heat treatment process, all production data (for example the identification of the oven), name of operator, product data, shop order codes or product ID's are scanned. A significant advantage of the process data acquisition during heat treatment processes is perfect traceability by means of appropriate search tools.