



Press Release

Schaffhausen, 21 June 2002

New product: “PRIAMUS Tool Box”

PRIAMUS Tool Box is a portable service system for the use around the injection molding machine. The system consists of different software modules which have been especially designed for mobile use. The goal of this system is to carry out a standardized mold setup on any injection molding machine, no matter of its type or design and in addition, to give results on the machine performance regarding control and energy consumption.

The “Mold Setup Manager” establishes in a very short time with the help of only the most necessary specifications a first setup of the injection molding machine. A standardized mold setup run is then carried out through the “Mold Setup” module. If the mold is used on different machines, the quality of the molded parts can be reproduced due to a saved graph of a reference cavity pressure curve. The reference data are saved in a neutral, machine-independent protocol and thus are available for further use.

Before a mold finally goes into production it should be checked if the used machine meets the demands. This will be achieved by finding out the machine capability and by establishing parameters for the control accuracy (“Control Inspector”) respectively the repeatability (“Stability Inspector”). In addition, a power-measuring instrument (“Power Analyzer”) measures, analyzes and compares the energy consumption of different machines. So the process in relation to the energy consumption can be optimized. During production the process capability can be determined and with the “Molding Monitor” is at the same time a complete process monitoring module available.

Besides the software, the PRIAMUS Tool Box consists of a custom made data acquisition unit, the so called “Mobile DAQ” which has its own USB data acquisition. The system is available with or without laptop.

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