Past Control

For manufacturers of pasteurized beverages, pastaurization monitoring is essential. Insufficient pasteurization results in microbiologically objectable product charges. If pasteurization is carried too far, taste will be affected. Therefore, an accurate measuring of pastaurizing units on a regular base can't be neglected.

The PastControl system simplifies this task. The safe and simple operation requires only a short instruction to the operation personnel. The PU value can be read from the PU monitor's display directly at the pasteurizer line.

The complete evaluation of the measured data is done at the PC. Clearly structured software offers graphical display as well as clearly arranged data storage. All measuring data files include a time stamp and a line ID code. So all measurement data can be traced back. An unlimited number of loggers can be used.

Functional description

The PastControl system for cans and bottles consists of a temperature logger, a PU monitor for the line, an interface and software for the PC and memory adapters.

The logger is fitted to the original container and moved through the tunnel pastauriser. Meanwhile, the temperature at the selected (coldest) spot inside the container is measured and recorded. The spray temperature can be recorded as well (Dual channel version).

When the logger has left the tunnel pasteurizer, it is fitted to the PU monitor and the number of pasteurization units PU) can be read from the PU monitor's display. Afterwards the logger can be started again and is ready for the next recording. The previous recordings remain in the logger's memory and can be evaluated later.

Advantages

- Single or dual channel temperatures measuring
- Standard and special probe sizes available
- Exact positioning of probe tip
- Simple operation and handling
- Small base space preserves thermal influence of surrounding containers
- Storage memory up to 255 recordings (flexible partitioning, e.g. 250 recordings with 180 minutes each at 5 seconds interval)
- Programmable PU parameters
- Programmable measuring interval
- Programmable line ID
- Display of PU value and peak temperatures directly at the line
- Graphical evaluation and structurised data storage on the PC
- Password protected parameters