rycobel

PAST CONTROL

For producers of pasteurised beverages, pasteurisation monitoring is essential. Insufficient pasteurisation results in microbiologically impact product charges; if pasteurisation is carried too far, taste is affected. Therefore, an accurate measuring of pasteurisingunits on a regular base cannot be neglected.

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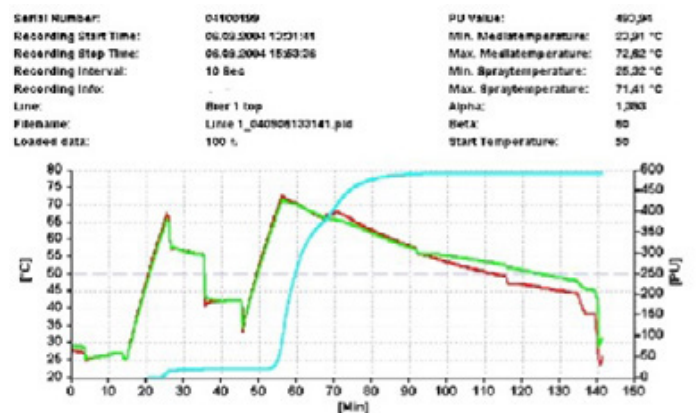
The complete evaluation of the measured data is done at the PC. Clearly structured software offers graphical dis-play as well as clearly arranged data storage. All measuring data files include a time stamp and a line ID code, so that all measurement data can be traced back. An unlimited number of loggers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

Operation

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

The logger is fitted to the original container and moved through the tunnel pasteuriser with it.Meanwhile, the temperature at the selected (coldest) spot inside the container is measured and recorded. Optionally, the spray temperature is recorded, too (Dual channel version).

When the logger has left the tunnel pasteuriser, it is fitted to the PU monitor, and the number of pasteurising units (PU) can be read from the PUmonitor's display. After-wards, 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 temperature measuring

» Standard and special probe sizes available, can be fitted to various containers (bottle or can), using adapters

» Exact positioning of probe tip

» Simple operation and handling

» Small base space preserves thermal influence of surrounding containers

» Storage memory for 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 data storage on the PC

» Password protected parameters container

» Can be used along the entire chain from production to consumer

Technical data

» Container type: Bottle or can

» Channels: 1 (cold spot) or 2 (cold spot and spray)

» Memory: 540572 measurings (1 channel) 2 x 270336 measurings (2 ch.)

» Interval: programmable from 1s to 24h

» Measuring range: Measuring range: 0°C … 95°C (32°F … 203°F)

» Accuracy : +/- 0.1 °C (+/- 0.018°F)