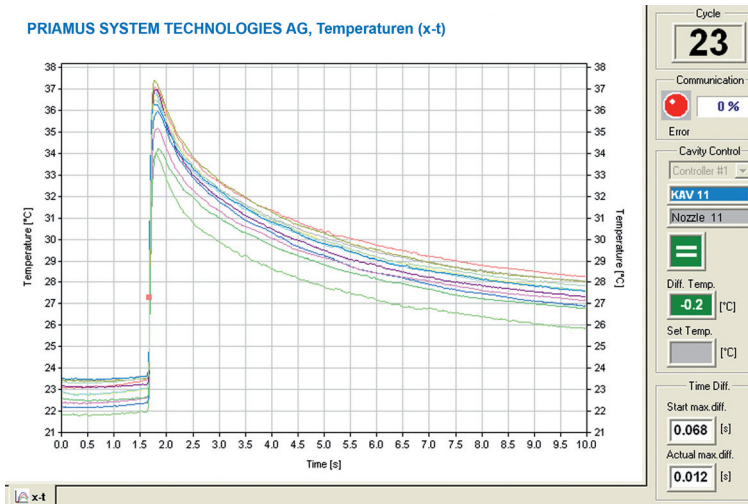




## Newsletter August 2010

### PRIAMUS Fill with new practical functions



Since almost 10 years the injection molding process is balanced and controlled with the help of the PRIAMUS Fill systems. In doing so, hotrunner systems are optimized in the same manner as the opening and closing times of valve gates. In any case the melt front inside the cavity is automatically detected and controlled while the process is always fully monitored via the in mold signals. In this way it is guaranteed to deliver good parts only.

Starting from version 4.3.0 miscellaneous additional functions have been added which were developed from several customer projects.

On the basis of digital I/O signals for instance it can be detected whether the monitoring, balancing or control mode has been switched on or off during manufacturing. The same way a digital machine signal is used to communicate how long a start-up procedure on the machine side is active in order to detect the scrap parts accordingly.

In addition there is a new option to open and close the valve gates via the PRIAMUS Fill system by the push of a button in order to purge remaining material.

The digital machine signals are also used to define the position of rotary tables for process monitoring and control.

Last but not least there is a new option to display external screens in a separate window via VNC connection. This is especially convenient for the display of external robot controls, hotrunner controls and machine screens.



## Special Print „The discovery of the melt front“



In the June issue of „Kunststoffe International“ appeared the article „The discovery of the melt front“.

The authors, PRIAMUS CEO Christopherus Bader and the PRIAMUS Head of R&D Hardware Electronics Simon Zeller, explain the correlation of different switching methods in injection molding and first of all the potential of an automatic melt front detection.

You can download the pdf file of this article with following link:

[http://www.priamus.com/english/pdf/Discovery\\_of\\_melt\\_front.pdf](http://www.priamus.com/english/pdf/Discovery_of_melt_front.pdf)

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PRIAMUS at K'2010: October 27 - November 03 in Düsseldorf, Hall 10, Booth B04

We are looking forward to seeing you!