



Press Release

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New: PRIAMUS Fill for Ewikon Hotrunner Systems

The PRIAMUS Fill system monitors, controls and balances the melt flow of hotrunner systems automatically. Rejects in terms of unfilled parts and the associated cost, for example by manually selecting the parts, do not exist anymore.

As a result of the measured cavity temperatures the set values of the hotrunner nozzles are automatically readjusted until the same viscosities respectively a uniform filling of multi cavity molds are achieved. Because it is a matter of closed loop control the set values must be sent to the hotrunner controller after every cycle.

In combination with HPS-C-S controllers of Ewikon from now on the operation of the controllers can be directly tied up to the PRIAMUS control. This allows comfortable operation of both systems by only one common operating unit.

For this purpose the Ewikon PC user software for the controller is uploaded to the applied PRIAMUS PC. The standard operating unit of the hotrunner is omitted.

The PRIAMUS Fill system today provides interfaces for more than 20 manufacturers of hotrunner systems which can be selected by the touch of a button.

Apart from the pure balancing of multi cavity molds the system is also successfully used for the control of multi components, weld lines or sequential molding.

Also new is the integrated PRIAMUS Cool control by which the same surface temperature over the entire mold platen is achieved. With this effective method the temperature variations over the mold platen are equalized by including the cooling circuits in the control. As a result the conditions regarding shrinkage and warpage are much more consistent.

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