

NEWS RELEASE

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RJG, Inc. Releases Balance Viewer Software

RJG's new Balance Viewer software provides a tool for users to visually balance hot runner manifolds. Most molders try to adjust the balance by running a series of fill-only parts and adjusting the tip temperatures until the parts are about the same size or weight. With an *eDART* process controller and cavity pressure or cavity temperature sensors in every cavity of a mold, you can use the data to balance the tip temperatures. The *eDART*[™] computes cavity fill times that directly reflect the fill imbalance. This optional software tool uses the data to make the visual process of balancing much simpler. You look at the high or fast filling cavities and lower those temperatures while raising the tip temperatures for the lower bars until they all come into balance.

Selection buttons on the software allow you to check the balance of other parts of the process: filling and packing, pressurization and mold temperature. If the mold has only temperature sensors (no pressure) you can see the balance of the time to reach the sensor and the mold temperature at that point. The viewer tool automatically sets up and scales the bars for the number and range of sensors found. Once a tool is balanced any odd behavior, such as material build-up or clogging, can initiate a warning system and will not be masked by automatic control adjustments.