

**Product:**

**Intellimold™ Processes Controller ICE 150 / ICE 173**

**View:**



**Description:**

ICE150 – This system is utilized for general injection molding integrations and usually involves OEM participation with software upgrades. The ICE150 system uses a +1/-1 processing factor range and is suitable for most injection molding applications. The ICE uses a +3/-7 processing factor range and is suitable for very low viscosity materials or foams. What this means is that the machine will manipulate the proportional valve based on the process factor to apply or reduce the melt pressure proportionally to the amount of cavity pressure feedback. The system comes equipped with signal conditioning capabilities for 2 strain gage sensors but is able to adapt to piezoelectric sensor capabilities.

**Required Components:**

For a basic ground-up integration, you will need a sensor package. An optional pneumatic system is also available depending on the type and size of product you are molding. Options include sensor types and appropriate signal conditioning, which are an integral part of the ICE box.