

Processor Pro

(2 Days)

This package provides participants with a well-rounded understanding of Scientific Injection Molding.

SmartTechTM Processor Pro is perfect for die setters, technicians, engineers, supervisors, and managers.

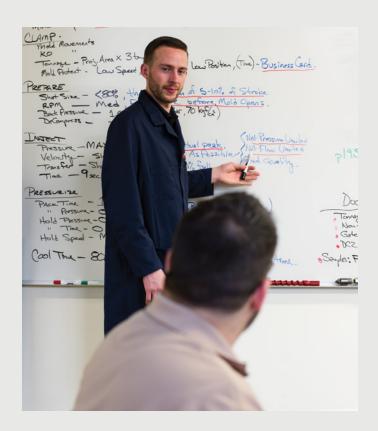
This advanced 2-day training is focused on the advanced skills of building, documenting, and troubleshooting a robust Scientific Injection Molding process.

SmartTech™ Training Structure

- Pre-Requisite Online Training
- Face-to-Face Instruction
- Hands-On Skills Development
- Post-Requisite Online Training
- SmartTech™ Processor Pro Completion Exam

Prerequisite Online Training

- Injection Molding Basics
- Understanding Plastics Materials
- Establishing a Scientific Molding Process





Day 1: Classroom Discussion Topics

- Injection Molding Safety
- Establishing 1st Stage Injection
- Process Inputs vs. Outputs
- Establishing 2nd Stage Packing
- Check Ring Repeatability
- Barrel Purging Concerns

Day 1: Practical Skill Development

- 1st Stage Injection Speed Determination
- 1st Stage Injection Transfer Optimization
- Maximum 1st Stage Injection Pressure
- Maximum 1st Stage Injection Time
- 1st Stage Check Ring Evaluation
- 1st Stage In-Mold Rheology (optional)





Processor Pro (2 Days)

Day 2: Classroom Discussion Topics

- 5 Rules of Effective Processing
- Understanding Part Cooling
- Understanding Screw Recovery
- Scientific Process Documentation
- Scientific Troubleshooting Techniques

Day 2: Practical Skill Development

- Mold Temperature Measurement
- 2nd Stage Packing Pressure Optimization
- 2nd Stage Packing Time Optimization
- 2nd Stage Final Cushion Optimization
- 2nd Stage Clamp Force Optimization
- Scientific Melt Temperature Measurement
- Scientific Coolant Temperature Measurement
- Scientific Process Documentation

Post-Requisite Online Training

- Material Drying Technology
- Scientific Troubleshooting for Injection Molders
- Establishing a Scientific Molding Process

Completion Exam

The areas being tested in this exam include:

- Injection Molding Safety
- Scientific Molding
- Scientific Process
- Scientific Purging
- Scientific Documentation



+1 Day Add-on Workshop

This optional 1-day workshop further advances employees' processing skills — directly related to your workplace and equipment.

As a group, the instructor and students spend the first part of the morning discussing strategies for optimizing mold changes.

The instructor and students spend most of the day performing a mold change from start to finish. This includes all steps from Preparation to Dry Cycling, highlighting important steps and concerns along the way.



PRODUCT INFORMATION

SmartTech™ Processor Pro: On-Site Scientific Molding Training

2 days of on-site skill development + 12 online courses & completion exam

product id: crt.im2

(978) 957-0700 www.traininteractive.com

