

EK-SYSTEMS

**1485 G. Landmeier Road, Elk Grove Village, IL 60007
(847) 981-0003 Fax: (847) 981-9333 e-mail: ek-systems@juno.com**

PROCESS CONTROL - AUTO TUNING

Just as you have trained yourself to properly operate and control your automobile, (after experiencing the capabilities of the vehicle and matching them against your physical capabilities and reflexes), the process controller must go through a similar process and familiarize itself with the capabilities of the process it is placed in charge of controlling. It does this via the "AUTO-TUNE" process which must be activated by the person responsible for the accuracy, repeatability, and stability of the process variables so as to create good product consistency.

Just as it may not be wise to let an inexperienced driver operate your personal vehicle it may not be wise to let an un-tuned controller operate your process. With some luck, it might be adequate but it might also be a disaster. It would be best if the driver were fully capable and had experience with your particular vehicle before you let him (or her) take it on the toll way. The same holds true with a controller. Auto tuning allows the controller to learn the capabilities of your process before it tries to control it.

One need not understand the internal underlying complexities involved with the Auto-tuning of a controller. The important thing is to get the best process control possible allowing you to produce the best product with the least amount of waste. Learn how to activate the auto-tuning process with your controller and let the controller do the best it can to control your process. It will save you time, energy, and increase your productivity.

If you have any questions about accessing the Auto-tune function of your EURO THERM controller, give us a call and we'll help you. We want you to get the best control possible. Our reputation is on the line because we want happy and prosperous customers. Those customers tend to come back and purchase more control products from us. We like "Win – Win" scenarios.