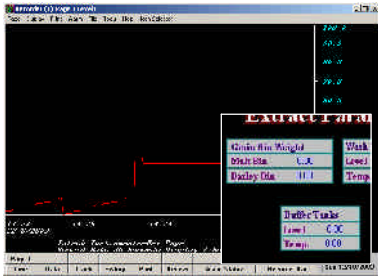


# MicroScan Tool Box

**Microscan + Tool Box = Increased Productivity + Creative Solutions**



**Integrated and Flexible Math Module plus much more!**

Batch Related Calculations

Software Controllers

Energy Management

MicroScan Input/Output

Specialised Math Procedures

Step Control Functions

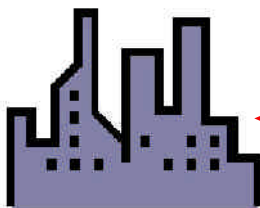
Time Related Functions

Passwords

Audit Trails

Networking

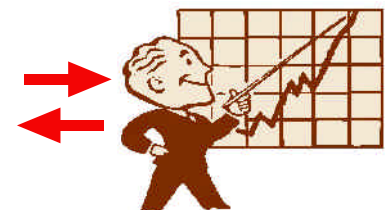
User friendly HMI via MicroScan Mimic for simplified plant management. Savings on intelligent hardware when using the MicroScan Tool Box.



Industry



MicroScan

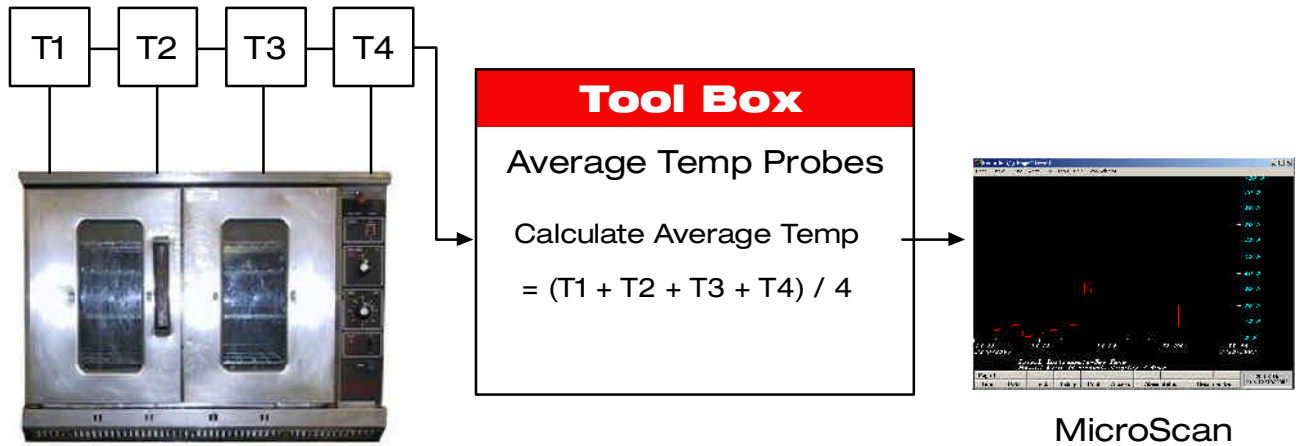


Management  
Reports

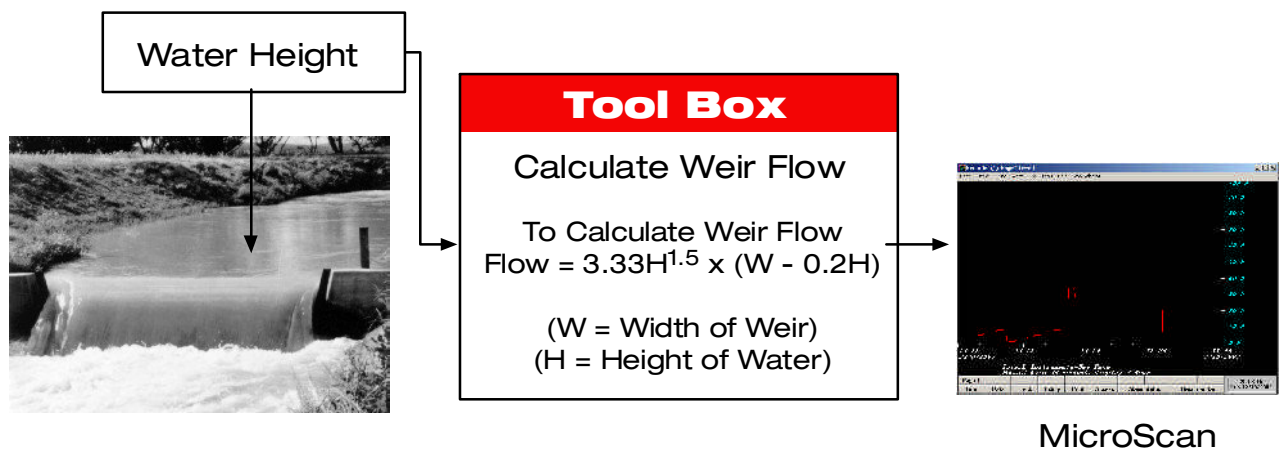
**Automate Calculations + Decision Making + Control + Reports**

# MicroScan Tool Box

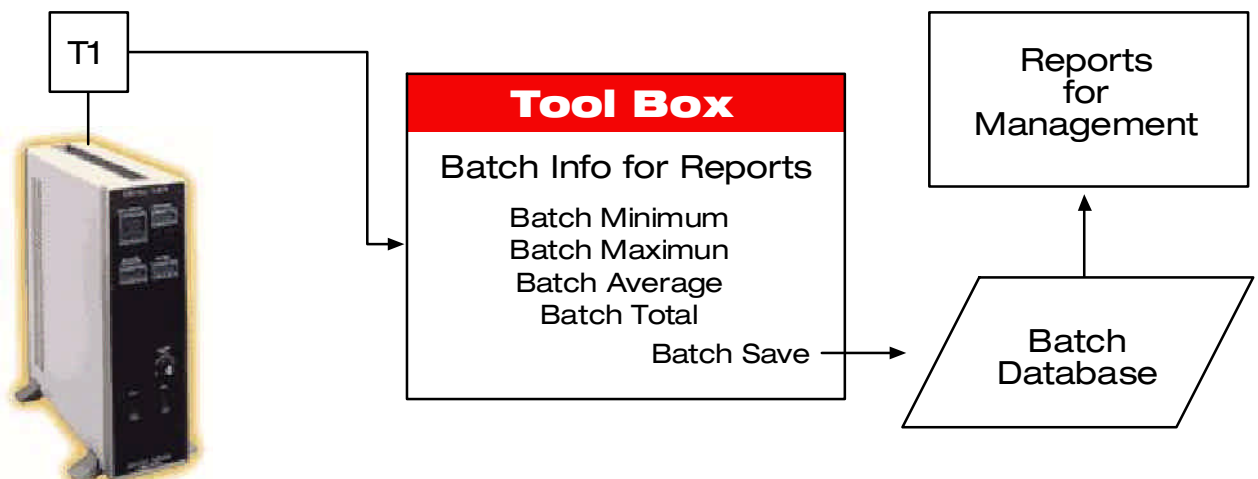
## Example 1 - Simple Math to Average Temperature Probes.



## Example 2 - Advanced Math for Volume Flow of water over a Weir.

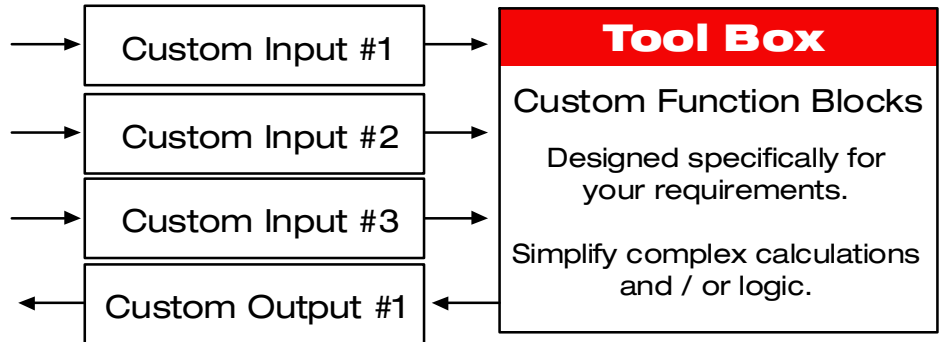


## Example 3 - Batch Data for Management Reports.

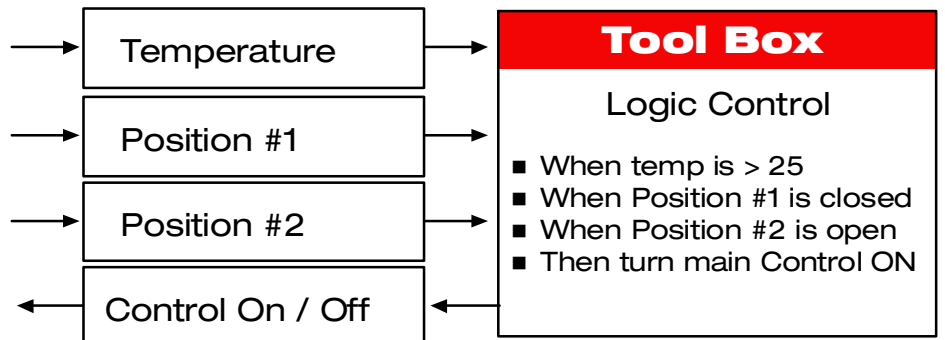


# Practical Examples

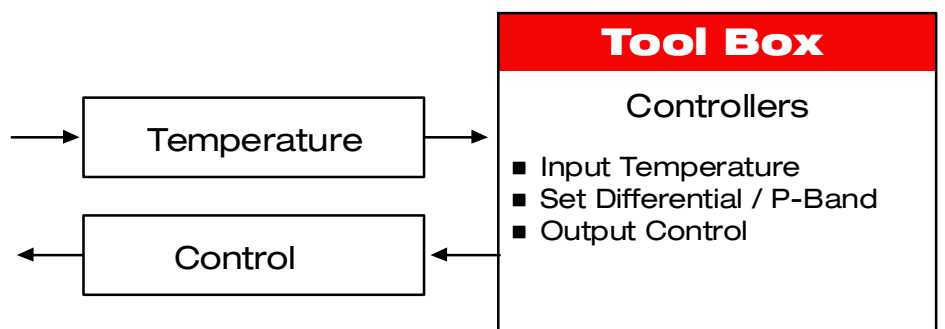
## Example 4 - Custom Function Blocks.



## Example 5 - Logic Control.

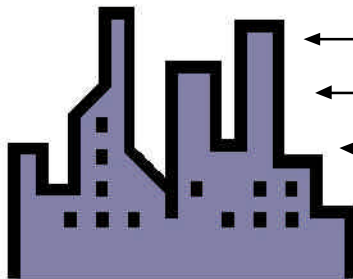


## Example 6 - Software Controllers.



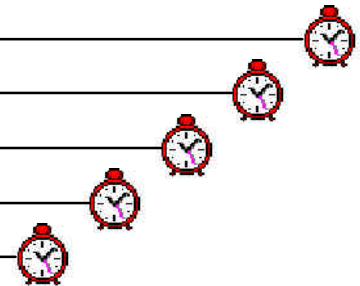
# Practical Examples

## Example 7 - Time Clock Control.



### Tool Box

#### Multiple Time Clock Control



Time Clocks use the PC clock which automatically updates for daylight-saving.

## Example 8 - Step Controller.



### Tool Box

#### Step Control



Step 1

- Duration / Time
- Finish Set Value



Step 2

- Duration / Time
- Finish Set Value



Step 3

- Duration / Time
- Finish Set Value



Step 4

- Duration / Time
- Finish Set Value



Step 5

- Duration / Time
- Finish Set Value



Step ...

- Duration / Time
- Finish Set Value

■ Includes extensive Recipe Module

## MicroScan Tool Box - Function Block Summary

- Humidity
- Dew Point
- Moisture Content
- Batch Average
- Batch Min
- Batch Max
- Batch Save to D-Base

- Math - Average
- Math - Formula
- Math - Rate of Change
- Math - Sum
- Math - Trigonometry
- Math - Tank Volume
- Math - Total

- Step Control - Step
- Step Control - Master
- Time - Time Clock
- Time - Multi Timer
- Time - PC Clock
- Time - Pulse
- Time Timer