



AutoComp software will process your gauge data and update the tool offsets automatically, providing error-free tooling control...

Eliminates Operator Data-Entry Errors

Any gauging device can provide dimensional measurements and AutoComp calculates the necessary tooling adjustments. Parts may be measured on any type of gauging equipment such as CMMs, Digital Tooling, Gauges Fixture with LVDTs, Laser Micrometers, Vision Systems and Wireless Gauge Devices. Don't see your device... Caron Engineering can write drivers to retrieve data from nearly any type/brand of electronic measuring equipment.

Statistically Controls Your Tool Offsets to Maintain Acceptable Tolerances of Your Machined Parts

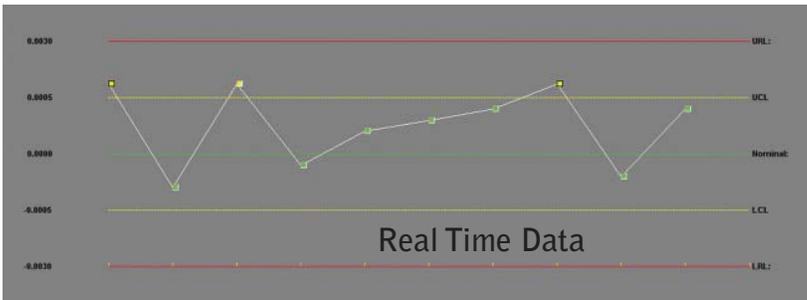
AutoComp calculates tool compensation based upon tolerance limits and tool compensation limits using a running average.

Reports a Tool Change Need to the Operator

When the tool has been compensated more than a user defined threshold, a wear-limit is issued, informing the operator that the tool needs to be changed. A signal can also be sent to the CNC control so that a redundant tool can be called automatically or the machine can be stopped before the next cycle.

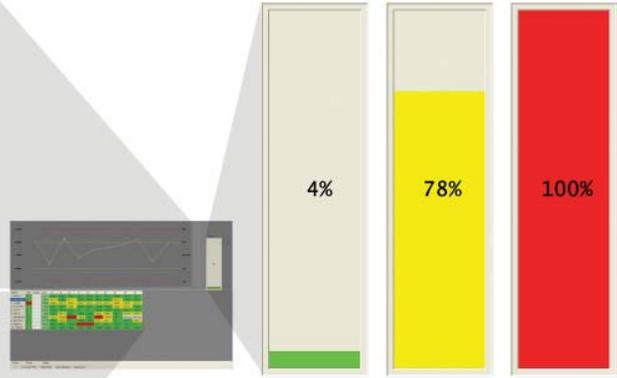
Compiles and Reports Historical Tool Wear Measurements

All measurement and compensation data is saved to a file. The data is date and time stamped for later analysis. The operator also receives real-time status of the useful life for each tool.



| Name | Life | Active | Cpk | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|------------|------|--------|-------|--------|--------|---------|--------|--------|--------|---------|---------|---------|---------|
| 1: FIRST | 7 | | 1.91 | .0003 | .0005 | -.0002 | .0016 | .0016 | .0001 | .0001 | -.0002 | .0014 | .0001 |
| 2: SECOND | 4 | | 1.962 | .0011* | -.0003 | .0011 | -.0001 | .0002 | .0003 | .0004 | .0011* | -.0002 | .0004 |
| 3: THIRD | 100 | | 0.994 | .0006 | .0023* | .0003 | .0031 | .0031 | .0012* | .0012 | .0003 | .0026 | .0012* |
| 4: FOURTH | 0 | | 1.543 | .0001 | .0002 | .0005 | .0003 | .0003 | -.0004 | -.0004 | .0005 | .0007 | -.0004 |
| 5: FIFTH | 0 | | 4.294 | -.0004 | -.0002 | .0004 | 0.0 | 0.0 | -.0006 | -.0006 | .0004 | .0002 | -.0006 |
| 6: SIXTH | 3 | | 1.283 | -.0001 | .0013 | .0001 | -.0002 | -.0002 | .0008 | .0008 | .0001 | .0015* | .0008 |
| 7: SEVENTH | 13 | | 0.429 | -.0017 | -.0038 | -.0042* | -.0015 | -.001 | -.0042 | -.0025* | -.001 | Missing | Missing |
| 8: EIGHTH | 10 | | 0.475 | -.0007 | .0028 | 0.0 | -.0004 | -.0004 | .002* | .002 | 0.0 | .0007 | .002* |
| 9: NINETH | 3 | | 0.462 | .0001 | .0001 | -.00015 | .0015* | .0015 | 0.0 | 0.0 | -.00015 | .00016 | 0.0 |
| 10: TENTH | 0 | | 1.813 | -.0001 | -.0003 | -.0001 | .0004 | .0004 | -.0005 | -.0005 | -.0001 | .0003 | -.0005 |

Part Data



Amount of Tool Life Used



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