



# ATC+ AUTO-TESTS



LEADS YOU IN  
INDUSTRY 4.0

- **SELF-MONITORING PARAMETERS.**

It is possible to define a record of self-monitoring parameters stating the type (attribute/value), name, relevant group, and enable/disable their use in plans.

- **SELF-MONITORING PLANS.** ATC+ enables the definition of self-monitoring plans by item/machine. A revision can be attributed to each plan, with the inclusion of drawings, photographs, measuring methods and reaction plans which are visible to operators in the field. The plan may also contain all parameters to be checked in the field by item/machine, choosing from those entered previously in the parameter record. Checks may be as follows:

- by attribute (pass/not passed),
- by value with the possibility of specifying the minimum, maximum and nominal values. Only one value for each entry can be logged in the field.

Every check can have one or more frequencies attributed to it as required. Possible frequencies are every N parts, every N minutes of production, after N minutes following every shift change, every N complete hours, once only N minutes after starting production, every K minutes after starting production. On expiry of each frequency for every measurement, ATC+ automatically generates requests for operators, reporting the need to carry out checks on screen. It is possible to copy a definite plan for an item/machine onto another item/machine to simplify the creation of plans.

- **LOGGING SELF-MONITORING.** When a frequency expires, operators are notified on screen and/or with a warning light of the need to perform checks. At the PC there will be a list of expired checks for which the result by value or attribute must be stated. Comments can be added and documents relating to the plan consulted (measurement methods, reaction plans, drawings, photographs etc.). It is also possible to log declarations to authorise the commencement of production, with any relevant comments.

A double logging procedure is provided for the results/values of self-monitoring checks. The first is carried out by the machine operator and a second by quality control staff as required, who may change the result given for one parameter by the operator, providing reasons (acceptance of exceptions, correction if a mistake was made, etc.).

- **ARCHIVING SELF-MONITORING.** ATC+ makes it possible to consult a self-monitoring list, verifying the time checks that were required, the time that work declarations were made, the results of production operators and any changes by the quality operator.

- **PREREQUISITES.** The ATC+ module requires PRD+ to be installed.

