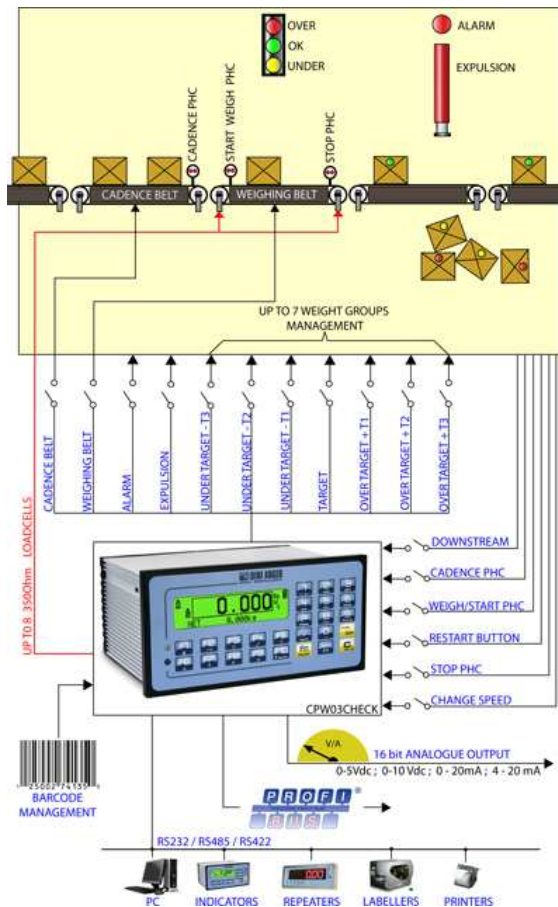


## "CPWECHECK": VERSION FOR TOLERANCE CONTROL SYSTEMS



Software version for managing systems that weight packages on a conveyor belt, through static or dynamic weighing and tolerance control. Thanks to the high conversion and acquisition performances and to the advanced filtering functions, it's possible to weigh and memorise an elevated number of packs/min.

### FUNCTIONS

- Selection of visualized data on the graphic LCD display (totals, progressives, weight...).
- **Completely configurable keyboard functions** according to the customers' needs.
- **Weighing acquisition modes:**
  - Static or dynamic weighing, with management of pack detection photo cell.
  - Dynamic weighing with two START/STOP photo cells.
  - Static or dynamic weighing without photo cell.
  - Static or dynamic weighing without photo cell (for Pick and Place lines).
- **Tolerance check:**
  - by target, through articles database, with setting of 3 tolerance thresholds, for the physical division of the packs into 7 different groups.
  - by programmable weight thresholds (min/max), with articles database.
  - by weight thresholds (min/max), through a quickly entry.
- Management, through a cadence photo cell, of the cadence belt, for optimising the number of packs per minute weighed by the instrument.
- Automatic printing/clearing of the partial total after a programmable number of weighs.
- Setting the density coefficient, for every article, for weighing in ml.
- Programmable alarm activation time and tolerance indication.
- Printing with each executed weigh and eventual automatic storage into the alibi memory.
- Calculation and printing of the statistics and of the standard deviation of the executed weighs.
- Static or dynamic autozero function of the belt (up to 2% of the flow) after a programmable number of weighs.
- Management of the automatic expulsion or stopping of the belts for manual expulsion or weight correction.
- Connection to RS485 network, ethernet or Profibus (through optional interfaces).
- Programmable preset tare and activation delay of the expeller for each article.
- Database of 1000 articles with alphanumeric description, density, target, programmable tolerance thresholds and preset tares for each article.
- Management of belt speed through analogue output, with programmable value for articles.
- Article selection through reading of bar code.
- Activation of the line second speed through an external input, with automatic recalculation of the weighing time (only for weighing with two photo cells).
- Advanced management of bar codes, with the possibility of storing, processing, and printing 5 different codes.
- Profibus protocol, for article management/modification, reading of current and calculated weights (only with optional Profibus interface).

- Possibility of connection to control light.

#### **PROFIBUS PROTOCOL FUNCTIONS**

- Complete configuration of the article.
- Belt status.
- Input status.
- Net weight.
- Last executed weigh and number of weighs.
- Configuration of the automation time periods.
- Configuration of the setup parameters of the instrument.

#### **CHECKTOOL: for quickly programming of the indicator**

- Programme on PC for optimising the weighing cycle; it's possible to monitor the status of the inputs and outputs of the instrument, transmit serial commands for managing the automation, quickly modify the parameters of the instrument, graphically view and process the weighs in order to obtain the best weighing results.

**TO VIEW THE AVAILABLE VERSIONS, SEE THE [3590EXP](#), [3590EXT](#), [CPWE](#) PRODUCT DATA SHEETS**