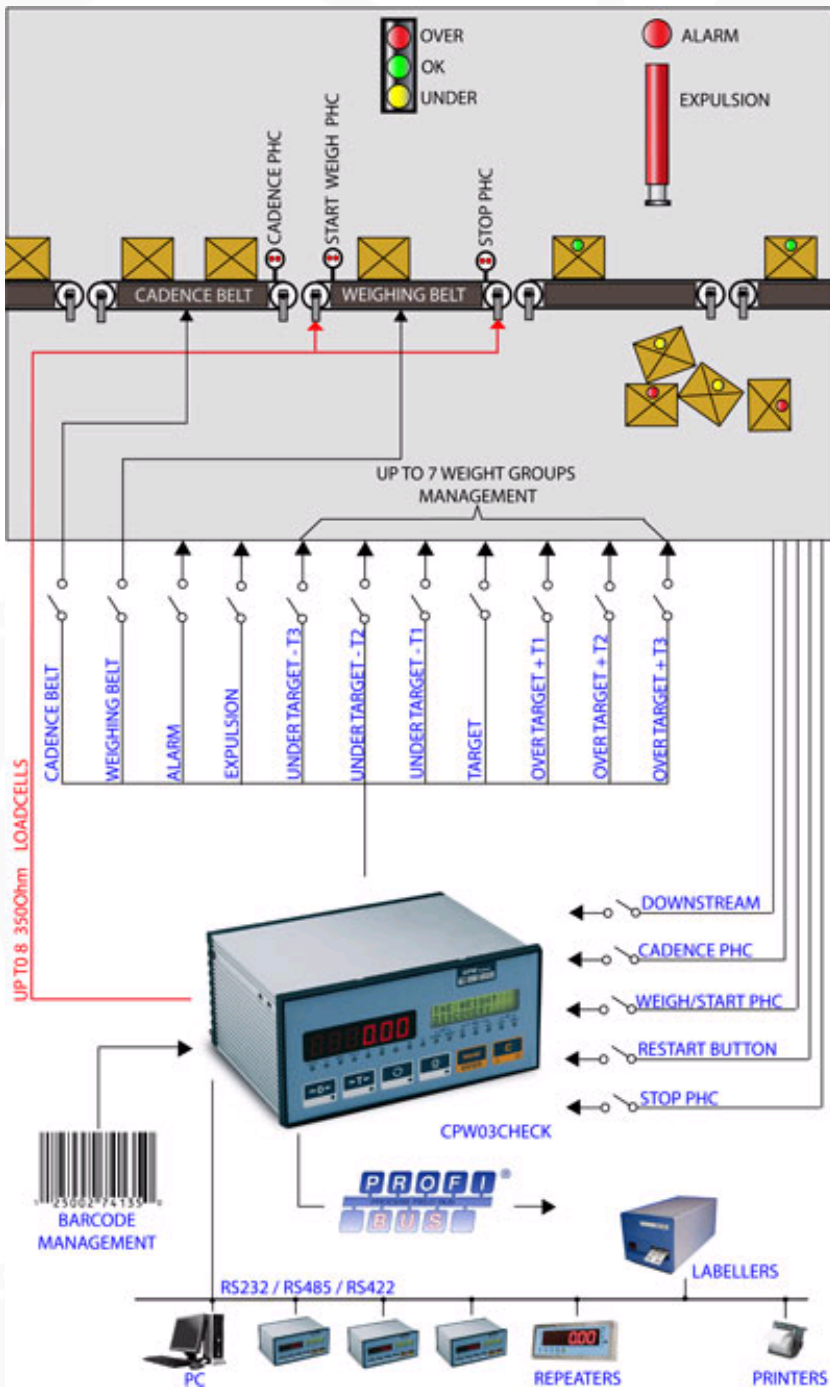


"CPW03CHECK": CPW FOR TOLERANCE CONTROL SYSTEMS



CPW03CHECK: management of a tolerance control line

Software version for managing systems that weigh packages on a conveyor belt, through static or dynamic weighing and tolerance control. Thanks to the high conversion and acquisition performances (programmable up to 800 conversions/sec) and to the advanced filtering functions, it's possible to weigh and memorise an elevated number of packs/min.

FUNCTIONS

- 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;
- **"CHECKTOOL"**: 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
- Management, through a cadence photo cell, of the cadence belt, for optimising the number of packs per minute weighed by the instrument;
- Setting the density coefficient, for every article, for weighing in ml;
- Programmable alarm activation time and tolerance indication;
- Setting of 3 tolerance thresholds, for the physical division of the packs into 7 different groups;
- Automatic printing/clearing of the partial total after a programmable number of weighs
- 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 500 articles with alphanumeric description, density, target, programmable tolerance thresholds and preset tares for each article;
- Article selection through reading of bar code
- 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.

TO VIEW ALL THE TECHNICAL FEATURES, SEE THE

