E2R PGC PC SOFTWARE

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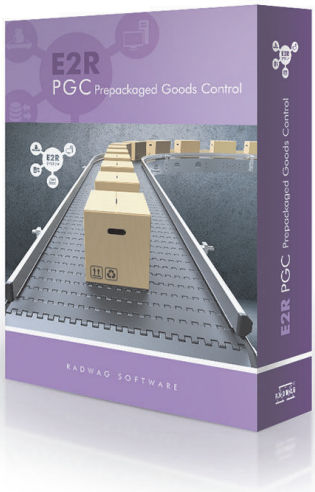


Application:

E2R PGC is used in enterprises where pre-packaged goods control and internal product quality controls are carried out.

E2R PGC functions:

- Safe and continuous record of measurements and controls on workstations;
- Caching of weighings and controls on weighing instruments and sending them to a computer;
- Integration with the production environment and company administration (external programs for: stockpiling, billing, accounting, ERP systems);
- Direct operation on production halls;
- Integration with RADWAG weighing systems.

Designed for operation with scales:

- PS 3Y series;
- Based on indicators models PUE 7.1, PUE HY10.

Key functions of E2R PGC module:

- Product control in g and ml;
- Destructive and non-destructive control methods;
- Automation of the control process;
- Operator's errors control;
- Two-platform scales operation;
- Two controls on one workstation;
- Synchronization of time on the workstations;
- Sending databases from a computer to weighing instruments:
  - Products;
  - Operators;
  - Time schedules;
- Schedule for periodic product control on selected weighing instrument;
- Reminder about carrying out measurement in an on-going control (signalling option);
- Average tare module for verification of tare correctness and determination of tare;
- Determination of the average tare prior to each control or for a set time interval;
- Record of weighings and controls obtained from the weighing instruments and saving them to a computer;
- Preview of current state of the weighing instrument and the control in the system;
- Measurement record locked for out-of-tolerance tare;
- Measurement record locked for out-of-tolerance net weight;
- Data exchange between external systems;
- User-friendly and flexible reporting mechanisms
  - Generating information on measurements and archived controls from a particular time interval;
  - Data browsing using filtering option;
  - Summary of selected weighing-related information;
  - Reports of single weighings;
  - Determining weighing reports headers;
  - Creating statistical reports of weighings;
  - Changing batch quantity in the control in accordance with the statutory ranges criteria;
  - Changing batch number in the control;
  - Adding individual comments to control report.
- Export of control and weighing reports to the following formats: PDF, HTML, MHT, RTF, XLS, XLSX, CSV, TXT;
- Customization of permission levels for particular operators;
- Customization of graphic interface layout, reports and graphs;
- Multilingual system components;
- Operation in Ethernet, Wi-Fi networks

E2R PGC system enables preparing reports containing all crucial information on carried out controls, e.g.:

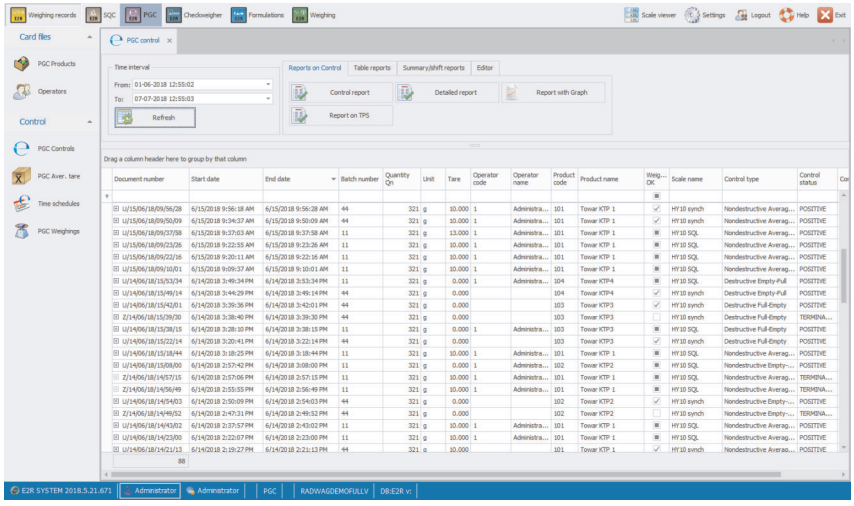
- standard report of the single product control,
- detailed report of the single product control with measurements,
- standard report with graph presenting control measurements,
- report of stability of the control technological process (Cp, Cpg, Cpd);
- report of control from selected time interval;
- report of average tare control;
- brief summary report, detailed summary report and shift report;
- report of carried out controls.

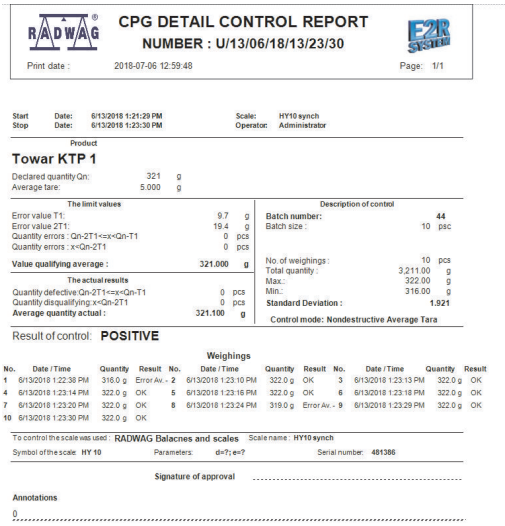
Basic functions of the workstations:

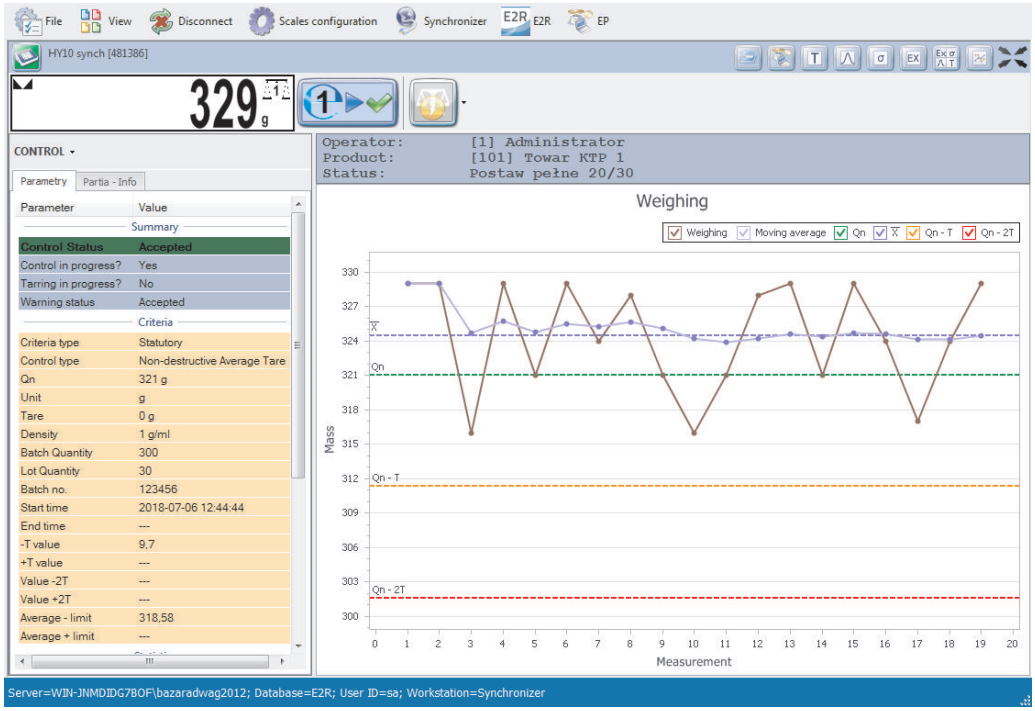
- quick logging using RFID scanners or barcode scanner,
- uncomplicated selection of data (product, batch, lot, etc.) using barcode scanner,
- integration with the automation system (PLC controllers) via e.g. Profibus, inputs/outputs,
- integration with external displays;
- weighing process statistics.

* Implementation of particular functions on workstations is conditioned by used weighing instrument and accessories.

Charts & reports:







The minimum hardware requirements for the client computer or server being part of the weighing system consisting of max 10 weighing instruments:

- A computer with at least: Windows 10, Windows 8.1, Windows 8, Windows 7 (excluding Starter version);
- MS SQL Server 2008 R2 Express or later version;
- Hardware recommendations:
  - dual-core 2 GHz processor or faster,
  - operating memory 3 GB or larger,
  - at least 35 GB of free space on a hard drive,
  - 1280x1024 computer monitor,
  - DVD drive,
  - printer operating in Windows environment,
  - default system font size: (96 dpi)!

The minimum hardware requirements for server being part of the weighing system consisting of more than 10 weighing instruments:

- A computer with at least: Windows 10, Windows 8.1, Windows 8, Windows 7 (excluding Starter version),
- The software supports servers with operating systems such as: Windows Server 2016, Windows Server 2008 Service Pack 2, Windows Server 2008 R2;
- MS SQL Server 2008 R2 or later version;

Hardware recommendations:

- quad-core 3 GHz processor or faster,
- operating memory 8 GB or larger,
- at least 50 GB of free space on a hard drive,
- 1280x1024 computer monitor,
- DVD drive,
- printer operating in Windows environment,
- default system font size: (96 dpi)!

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