Adherence to law regulations
Information safety
Intuitive operation
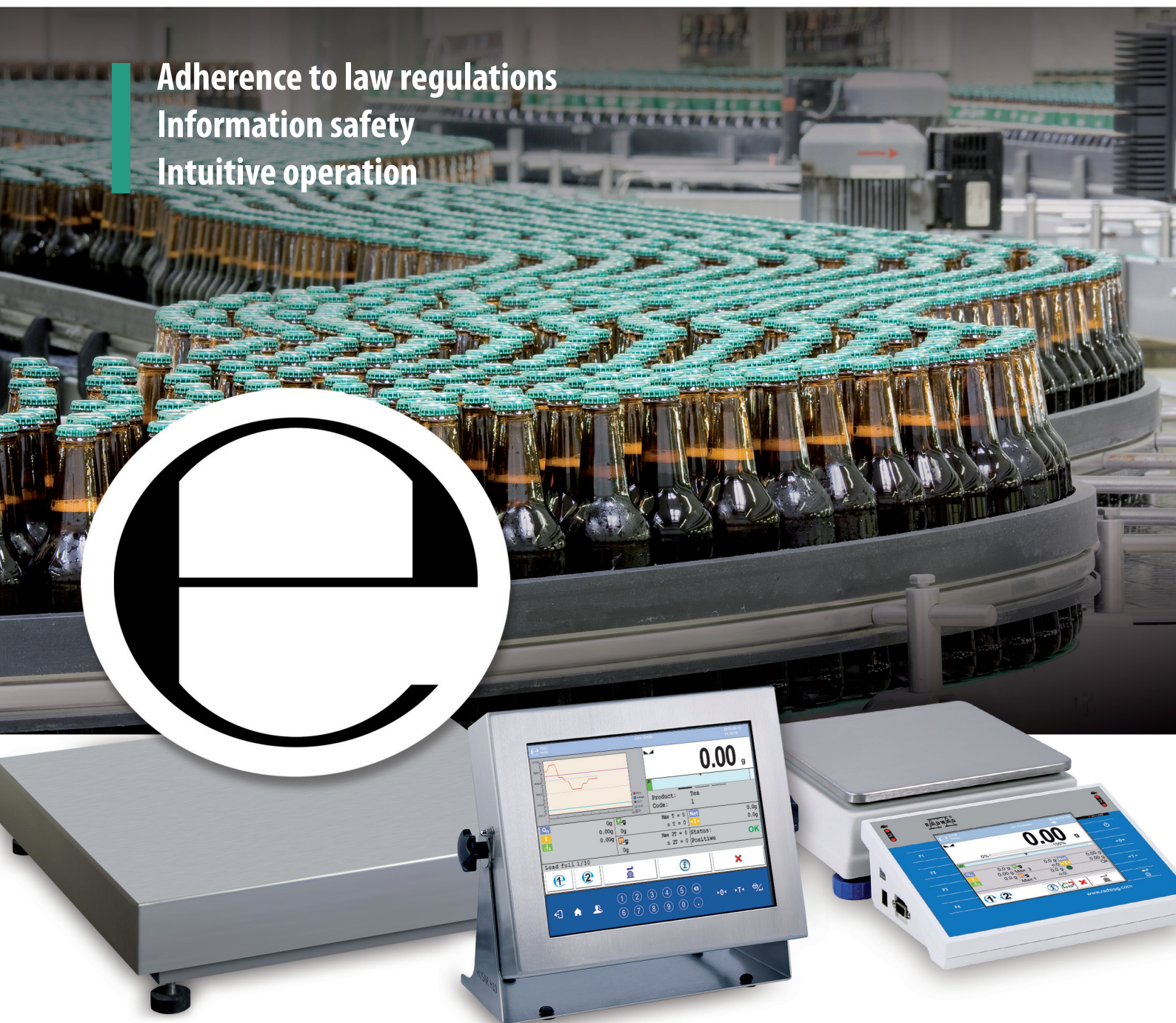
PGC
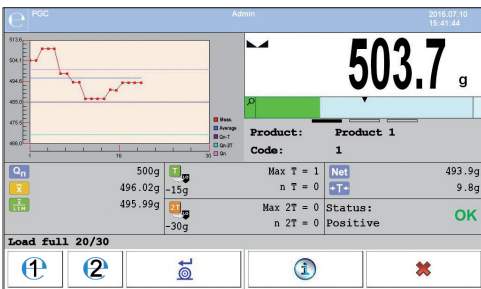
Prepackaged Goods Control
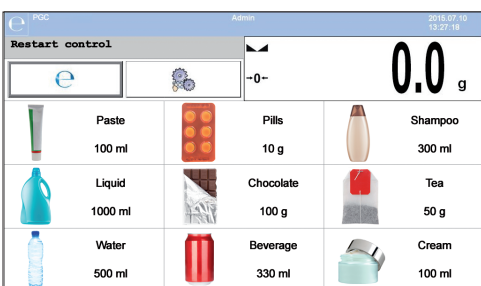
STATISTICAL CONTROL

PGC control, HY10.PGC.H

HY10.PGC.H Scale's Home Screen

PGC weighings carried out by means of HY10.PGC.H scale
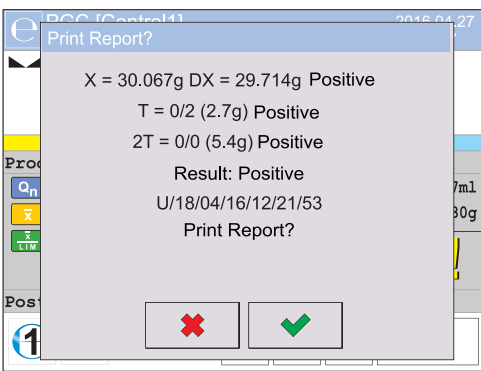
Control completion screen on WLY/PGC and WPY/PGC scales

Versatile Use of PGC Control Scales
PGC control scales are used in food, chemical, pharmaceutical and cosmetic industry wherever statistical control is a must.

Adherence to International Law Regulations
Software accordant with Polish law on prepackaged goods control, PGC Law of 7th May 2009 (OJ No. 91, item 740), Directive 76/211/EEC and WELMEC 6.4 Guide titled "Guide for Packers and Importers of e-marked Prepacked Products".

Innovative Solutions for Control Scales
PGC control scales have been equipped with high-tech colour touchscreen providing perfect readability even in low light conditions. Clear menu arrangement improves performance and adds to maximum comfort of operation.

Independent Operation of PGC Scales
PGC scales operation is based on local database whereas computer database is a source of information on operators, products and time schedules for scales cooperating in a network.

Authorized Access Control
Access levels to particular functions, defined individually for particular users, prevent interference of unauthorized operators.

Databases Management
Option of adding, deleting, and editing local products, operators and time schedules database.

Safe Mechanisms for Data Record and Storage
Upon control completion final report featuring all necessary data is saved. Control and average tares reports can be printed or recorded to USB flash drive.

User-friendly Interface
At each control stage important control-related information is displayed, with this comfort of operation is guaranteed.

Optimization and Production Cost Reduction
Declaring tolerance high threshold allowing to maintain control over product giveaway.

Internal Criteria
PGC scales offer option of carrying out control in accordance with internal criteria, including tolerance thresholds. The said option enables adaptation of the whole control process to internal regulations and operations performed by the customer.

Various Methods of Batch Assessment
Using the scale it is possible to perform control by means of few methods (non-destructive average tare, non-destructive empty-full and destructive full-empty).

Performance Boost
The scale facilitates performance of two concurrent controls, restarted upon power supply loss.

Controls Schedule
Going according to a predefined control schedule or cyclic control of selected products within specified time interval.

Auto Reminders
By means of prompts displayed on a screen or on an external signaling device the scale reminds you about necessity to carry out a measurement in the course of control. You are also prompted when it is time to start the control.

Average Tare Estimation Module
An in-built tare estimation module enables performance of average tare control directly prior product control, it also facilitates cyclic supervision within predefined time interval.

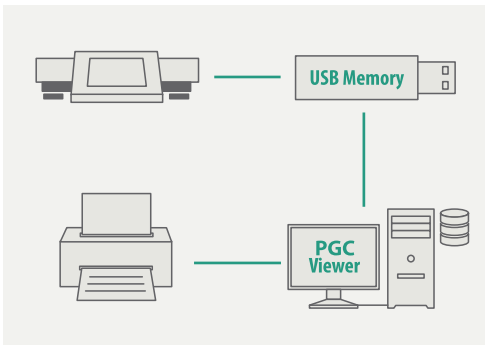*Diagram of data acquisition carried out by means of PGC Viewer*

PC Software
PGC Viewer

PGC Viewer is an application designed to support workstations for prepackaged goods control. Using the application you can preview and print reports on accomplished controls of prepackaged goods and reports on controls of tare.

PC Software PGC Viewer

E2R PGC
An integrated module
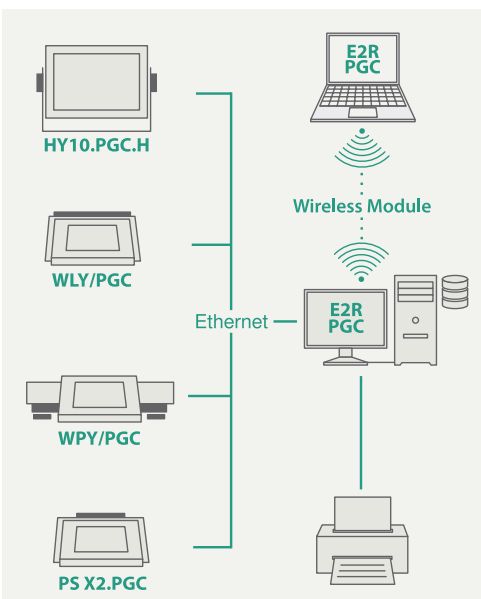
Modular E2R Software

E2R PGC module of a modern, fully integrated weighing system, E2R, is a tool providing you with maximum security. The system, due to innovative modules characteristic for their extensive functionality, enables automation, full support and control of the manufacturing processes.

Advanced functions facilitate monitoring of current devices state, remote control start and preview of complex analysis, i.e. reports and charts, of archive controls.

Cutting-edge technology is a warranty of faultless system operation and stored data safety. Data recorded on a balance is sent to a computer database based on Microsoft SQL server. By means of E2R PGC application it is possible to control particular users access to the system.

When it comes to exchange of data, the system offers option of cooperation with external IT systems. All the above plus user-friendly environment add to your comfort.

Diagram of E2R PGC system
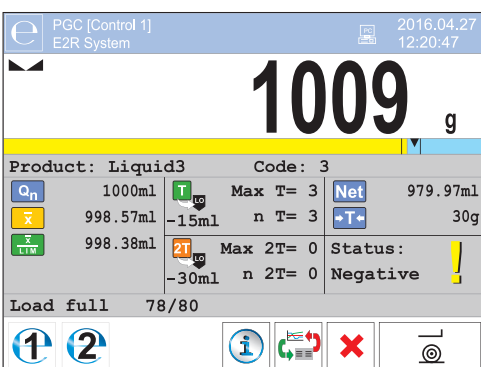
PUE 7.1 Home Screen
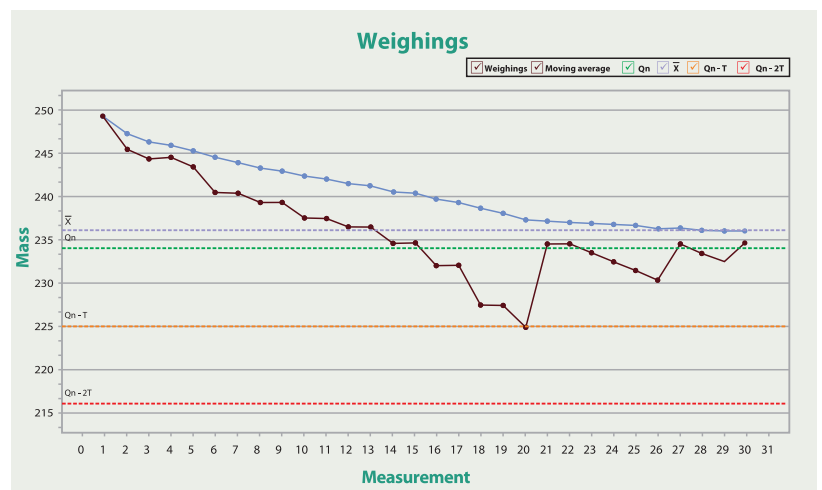
Online preview of measurements

PGC

Scales dedicated for Prepackaged Goods Control

Scales for Statistical Control - Wide Range of Maximum Capacities
Max capacity of scales for statistical control ranges from 0.6g to 120kg, accuracy starts from 10mg.

Reliability and Hygiene in Challenging Working Conditions
Stainless steel mechanical design and IP68/69 in-use facilitate operation of HY10.PGC.H under challenging industrial conditions such as great dust and high humidity. These two characteristics make the scales meet high hygiene standards for food and pharmaceutical industries.
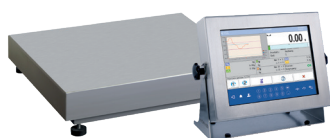
Ergonomics and Comfort of Operation
Due to compact and ergonomic design, access to the interfaces of WPY/PGC scales is convenient. The device can be operated using barcode reader, transponder card reader and IR sensors. This enables touch free operation of the workstation.
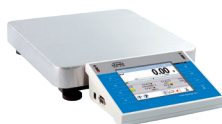
Redefined Accuracy
WLY/PGC series is intended for fast and precise mass measurement under both laboratory and industrial conditions, wherein the readability is even 0.01g.

Professional Weighing and the Highest Measurement Accuracy
With the highest possible weighing accuracy and measurement repeatability of sd < 1, the PS X2.PGC redefines quality of mass measurement. Control over the right scale's level is carried out by means of a semi-automatic levelling system. An in-built system for ambient conditions monitoring facilitates control of the workroom. As for the measurement accuracy it is provided with auto adjustment function.

	HY10.PGC.H	WPY/PGC	WLY/PGC	PS X2.PGC
OIML accuracy class	III	III	II	II
Maximum capacity [Max]	1.5 kg - 60 kg	0.6 kg - 60 kg	0.6 kg - 120 kg	750 g - 8100 g
Verification unit [e]	0.5 g - 20 g	0.2 g - 20 g	0.1 g - 20 g	0.01 g - 0.1 g
Stabilization time	2 s - 3 s	2 s - 3 s	3 s	1.5 s - 2 s
Automatic adjustment	○	○	○	●
IP rating	IP 68/69	IP 43	IP 43	IP 43
Display	10.1" touchscreen	5.7" touchscreen	5.7" touchscreen	5" touchscreen
Weighing pan dimensions	150×200 mm, 250×300 mm, 410×410 mm	195×195 mm, 300×300 mm, 400×500 mm	195×195 mm, 360×290 mm, 400×500 mm	128×128 mm, 195×195 mm
Communication interfaces	2×RS 232, 2×USB, Ethernet, 4×IN, 4×OUT*	2×RS 232, 2×USB, Ethernet, 4×IN/OUT (digital), Wi-Fi®	2×RS 232, 2×USB, Ethernet, 4×IN/OUT (digital), Wi-Fi®	2×RS 232, USB-A, USB-B, Ethernet, Wi-Fi®

*HY10.PGC.H — optional interfaces: up to 12xINs, up to 12xOUTs, Profibus, Modbus, Wi-Fi®, RS 485, analog outputs: 4-20mA, 0-20mA, 0-10V | Wi-Fi® is a registered trademark of Wi-Fi Alliance.