



**Automatic rotational scale is designed for operation in production lines of cylindrical packaged goods, like aerosols, sprays, glass and plastic bottles, etc.**

Control unit is based on Windows Embedded software and SQL data base server. Industrial computer is specially designed for use in hard industrial conditions, and cooperation with specially prepared Windows system makes this platform very stable and allows for holding set parameters. Graphic communication panel makes operation very easy and intuitive, which has been already appreciated by users. Rotational device is not equipped with its own conveyor belt, it is mounted over an existing one, which significantly shortens and simplifies its installation. Scale is pneumatically powered, which provides high durability and reliability.

**Application:**

Rotational scale for control of single packages cylindrically shaped, like aerosol, with diameter 35-66mm\*. System is operating in accordance with regulation on Control of Prepackaged Goods.

Rotational scale is applicable with below industrial branches:

- Chemical industry,
- Pharmaceutical industry,
- Distilling industry,
- Food processing industry .

\* it is possible to weigh containters with other diameter.

**Cooperation with peripheral devices:**

Rotational scale is prepared to cooperate with peripheral devices, and devices form processing line. I/O set provides broad configuration possibilities and full integration of scale with existing processing line.

- Cooperation with dosing device with feedback,
- Cooperation with barcode scanner,
- Printouts on receipt printers,
- Ability to remotely start and stop scale,
- Keeping records from weighing on computer.

**Basic technical data:**

Industrial Windows Embedded system, Industrial computer designed for operation in hard conditions,

- Grappic touch screen,
- Data bases applying SQL servers,
- Interfaces and ports RS232, USB and Profibus,
- Ethernet,
- Controlling - informative outputs control,
- IP55 or IP65

**Functions:**

Rotational scales provide 100 % control of goods transported on the processing line. Goods that do not meet set thresholds are discriminated from the line.

- Control of goods in accordance with regulation on Control of Packaged Goods,
- Record of data on controlled goods,
- Defining access level for each user,
- Discrimination of goods with incorrect mass,
- Extended statistics conducted in real time,
- Built-in performance meter line,
- Reports generated automatically in accordance with the weighing mode,
- Export of reports to PDF files,
- Possibility of cooperation with other devices in the processing line,
- Ability to remotely start and stop scale,
- Detection of line congestion,
- Detection of empty line,
- Cooperation with computer software.

**Technical data:**

|                     | DWR 600 H1                | DWR 1500 H1 | DWR 3000 H1 | DWR 6000 H1 | DWR 7500 H1 |
|---------------------|---------------------------|-------------|-------------|-------------|-------------|
| Max capacity        | 600 g                     | 1500 g      | 3000 g      | 6000 g      | 7500 g      |
| Readability         | 0,2 g                     | 0,5 g       | 1 g         | 2 g         | 5 g         |
| Tare range          | -600 g                    | -1500 g     | -3000 g     | -6000 g     | -7500 g     |
| Working temperature | 0° - +40 °C               |             |             |             |             |
| Power supply        | 230V AC or 120V AC        |             |             |             |             |
| IP rating           | IP 55                     |             |             |             |             |
| Display             | graphic with touch screen |             |             |             |             |