Stainless Steel WPT/4I H Livestock Scale

Precise weighing of animals in meat industry carried
out in moist environment and at direct contact with water

WPT/4I

WPT/4I H1

The upper part of the weighing pan is a tear plate surface

PUE C/31H
indicator with LCD display
in stainless steel housing

Functions

- Parts counting
- Percent weighing
- Totalizing
- In-built battery
- Replaceable units
- +/- Control
- Animal weighing
- Peak hold
- Stainless steel design

Features

Precise Weighing Indications in Challenging Industrial Conditions
Mass measurement carried out using 4 load cells guarantees weighing accuracy regardless positioning of the load on the platform. The scale ensures precise and fast mass measurement in meat industry.

Robustness and Resistance to Ambient Conditions
Robust scale made of stainless steel allows to operate large loads in moist environment and at direct contact with water.

Special-Purpose Scale
Livestock scale featuring a cage design is intended for fast and reliable weighing of animals in meat industry. The scale allows user to tare within whole range. Precise measurement of objects that move on the weighing pan is possible due to specially designed program function.

Cooperation with PUE C/31 H Indicator
The scale can be operated via uncomplicated and reliable PUE C/31 H indicator housed in a stainless steel housing.

Uncomplicated Operation and Clear Presentation of Indications
Due to a backlit LCD display the measurement result is clearly visible. Easy operation enables fast and reliable measurements to be carried out even by an inexperienced operator.

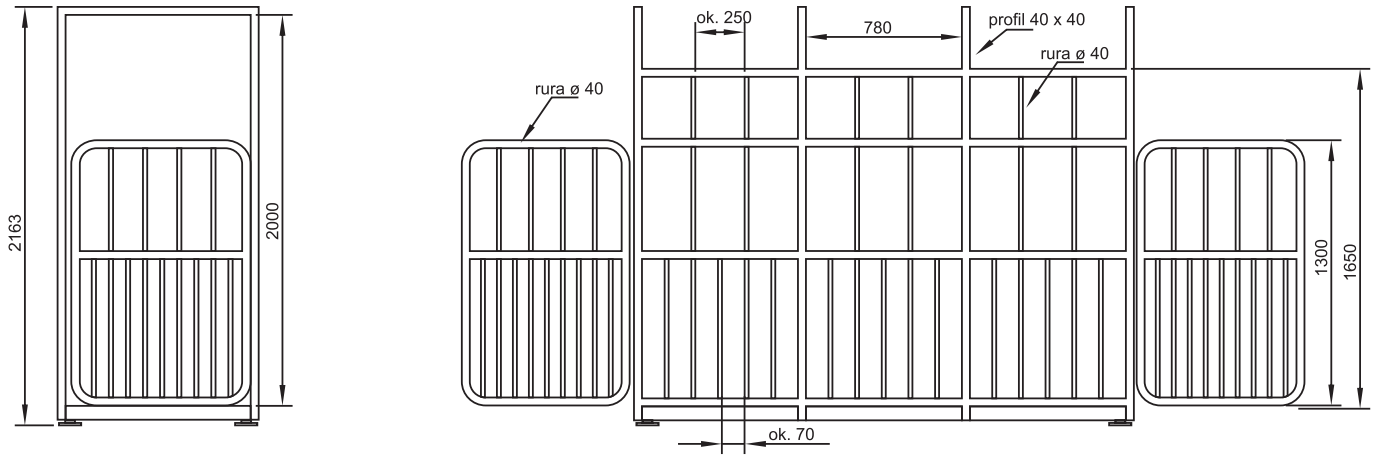
Uninterrupted Operation due to an Internal Battery
Integrated battery of the weighing indicator enables several hours long mobile operation.

Ergonomics and Comfort of Operation
With use of a long cable it is possible to locate the terminal in a place facilitating convenient operation or on the wall. An additional accessory enables placing the indicator on a stand.

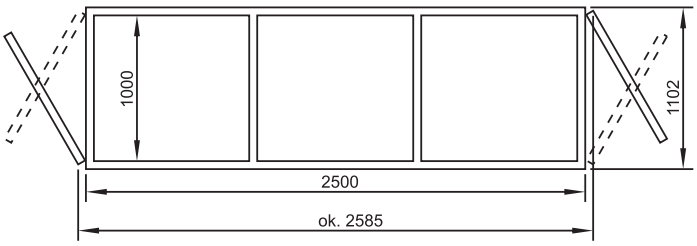
	WPT/4I 2000 H1	WPT/4I 2000 H2	WPT/4I 2000 H3
Maximum capacity [Max]	2000 kg	2000 kg	2000 kg
Minimum capacity	20 kg	20 kg	20 kg
Readability [d]	1000 g	1000 g	1000 g
Verification unit [e]	1000 g	1000 g	1000 g
Tare range	–2000 kg	–2000 kg	–2000 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Platform material	AISI304 stainless steel	AISI304 stainless steel	AISI304 stainless steel
Weighing pan material	AISI304 stainless steel	AISI304 stainless steel	AISI304 stainless steel
Indicator fastening	3 m cable	3 m cable	3 m cable
Display	LCD (with backlight)	LCD (with backlight)	LCD (with backlight)
Keyboard	5 keys	5 keys	5 keys
Indicator	PUE C/31H	PUE C/31H	PUE C/31H
Ingress protection - platform	IP 68	IP 68	IP 68
Ingress protection - indicator	IP 68/69	IP 68/69	IP 68/69
RS 232	1	1	1
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery
Battery operation time	45 hours	45 hours	45 hours
Power consumption	6 W	6 W	6 W
Operating temperature	–10 ÷ +40 °C	–10 ÷ +40 °C	–10 ÷ +40 °C
Relative humidity **	10 ÷ 85%	10 ÷ 85%	10 ÷ 85%
Transport and storage temperature	–10 ÷ +50 °C	–10 ÷ +50 °C	–10 ÷ +50 °C
Weighing pan dimensions	1000 × 2000 mm	1000 × 2000 mm	1000 × 2500 mm
Rails height	1100 mm	1800 mm	1800 mm
Indicator dimensions	226 × 250 × 120 mm	226 × 250 × 120 mm	226 × 250 × 120 mm
Net weight	290 kg	380 kg	480 kg
Gross weight	344.2 kg	434.2 kg	534.2
Packaging dimensions	1000 × 2000 × 1100 mm	1000 × 2000 × 1800 mm	1000 × 2500 × 1800 mm

* non-condensing conditions

Dimensions



Option of door customization (opening direction and type due to different combinations of hinges assembling and various door models)



Accessories

Peripheral Devices
- Epson dot matrix printer
- LCD – WD-4/3 display (backlit)
- WWG-2/3 large-size display

Cables, Converters
- RS 232 – PT0259 cable (scale - indicator)
- RS 232 – PT0326 cable (indicator– indicator)
- RS-232 – P0151 Epson printer cable
- RS232 – KR-04-2 converter
- RS232 – KR-04-3 converter
- AP2-3 current loop unit (in stainless steel housing)
- external power supply - K0046D (for PUE C/31H/Z)
- K0047 – cigarette lighter cable

Remaining Accessories
- stands for indicators

Dedicated Software

R-LAB
- collecting measurements
- carrying out statistical analysis of measurements
- customized graphs and reports

LabView Driver
- operation of RADWAG balances in LabView environment

Scale editor
- Software designed to enable change of parameters in the PUEC/31 indicator.

Radwag Development Studio
- presentation of functions (and subfunctions) of communication protocol (Common Communication Protocol)
- possibility of connection with weighing equipment on which each function is carried out,
- library with mass control, contained within the development environment
- complete documentation of the communication protocol
- set of user manuals for different solutions addressed for programmers employed in companies using RADWAG-manufactured weighing equipment

RADWAG Connect
- establishing communication with all balances, scales and weighing modules using Common Communication Protocol
- communication via local network,
- support of basic functions
- auto searching for devices
- connecting with few devices simultaneously, swapping between them
- clear list of connected platforms
- record of measurements in the program,
- export of carried out measurements to CSV file,
- work performed using freely selected device with Windows 10 operating system

RAD KEY
- Establishing cooperation between a weighing instrument and a computer

R.Barcode
- The basic function software is presentation of the data sent by barcode scanners connected to PC via USB or RS232