RADWAG®
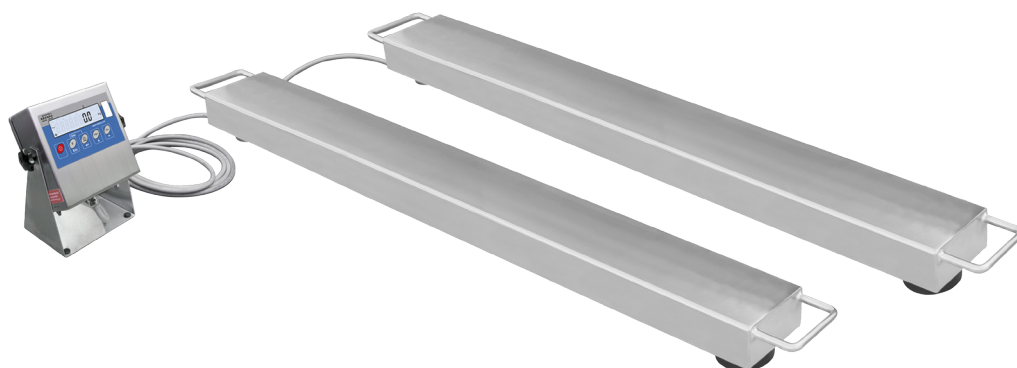
Stainless Steel WPT/4P2 H Beam Scale

Precise weighing of large loads and pallets carried
out in moist environment and at direct contact with water

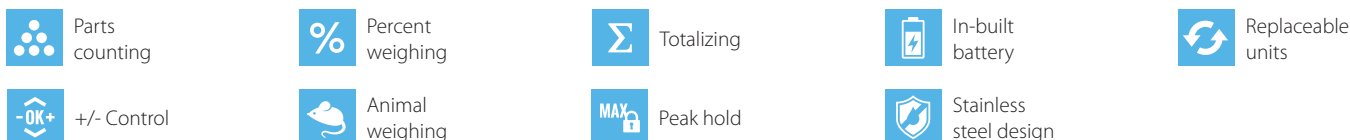Transport-supporting handles

WPT/4P2H

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 challenging industrial conditions.

Robustness and Resistance to Ambient Conditions
Robust platform made of stainless steel allows to operate large loads in moist environment and at direct contact with water (e.g. meat and fish industry).

Special-Purpose Scale
Unique two-element construction for weighing pallets and other types of loads. Customization of beams arrangement enables weighing loads of various shapes and dimensions. Two optional beams (available at additional charge) allow to weight large-size loads.

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 indicator in a place facilitating convenient operation or on the wall. An additional accessory enables placing the indicator on a stand. Good quality handles allow to easily transport the scale.

Technical Specifications

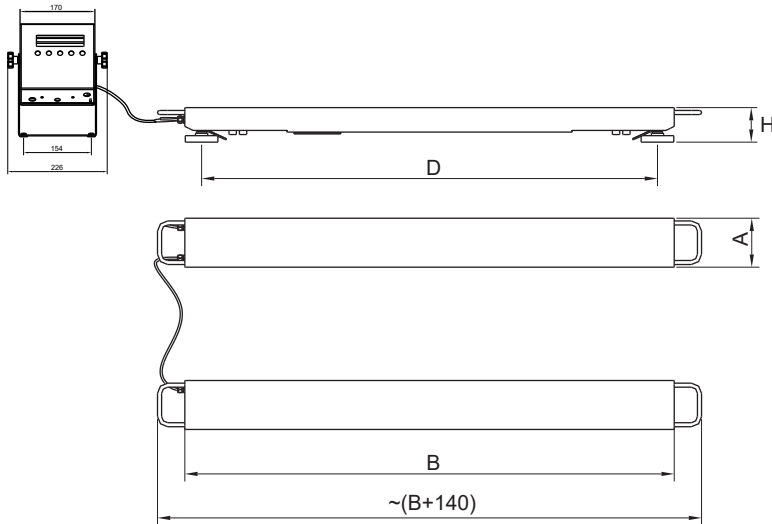|	WPT/4P2 600 H	WPT/4P2 1500 H	WPT/4P2 3000 H
Maximum capacity [Max]	600 kg	1500 kg	3000 kg
Minimum capacity	4 kg	10 kg	20 kg
Readability [d]	200 g	500 g	1000 g
Verification unit [e]	200 g	500 g	1000 g
Tare range	−600 kg	−1500 kg	−3000 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	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 - design	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 ℃	−10 ÷ +40 ℃	−10 ÷ +40 ℃
Relative humidity **	10 ÷ 85%	10 ÷ 85%	10 ÷ 85%
Transport and storage temperature	−10 ÷ +50 ℃	−10 ÷ +50 ℃	−10 ÷ +50 ℃
Weighing pan dimensions	2 beams, 1.2 m long (distance between beams up to 5 m)	2 beams, 1.2 m long (distance between beams up to 5 m)	2 beams, 1.2 m long (distance between beams up to 5 m)
Indicator dimensions	226 × 250 × 120 mm	226 × 250 × 120 mm	226 × 250 × 120 mm
Net weight	39 kg	39 kg	39 kg
Gross weight	54 kg	54 kg	54 kg
Packaging dimensions	1400 × 400 × 450 mm	1400 × 400 × 450 mm	1400 × 400 × 450 mm

*   warunki niekondensujące

	WPT/4P2 2000 H1	WPT/4P2 4000 H1	WPT/4P2 6000 H1
Maximum capacity [Max]	2000 kg	4000 kg	6000 kg
Minimum capacity	20 kg	40 kg	40 kg
Readability [d]	1000 g	2000 g	2000 g
Verification unit [e]	1000 g	2000 g	2000 g
Tare range	−2000 kg	−4000 kg	−6000 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design 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 - design	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 ℃	−10 ÷ +40 ℃	−10 ÷ +40 ℃
Relative humidity **	10 ÷ 85%	10 ÷ 85%	10 ÷ 85%
Transport and storage temperature	−10 ÷ +50 ℃	−10 ÷ +50 ℃	−10 ÷ +50 ℃
Weighing pan dimensions	2 beams, 2 m long (distance between beams up to 5 m)	2 beams, 2 m long (distance between beams up to 5 m)	2 beams, 2 m long (distance between beams up to 5 m)
Indicator dimensions	226 × 250 × 120 mm	226 × 250 × 120 mm	226 × 250 × 120 mm
Net weight	61 kg	98 kg	98 kg
Gross weight	83 kg	121 kg	121 kg
Packaging dimensions	2200 × 400 × 450 mm	2200 × 400 × 450 mm	2200 × 400 × 450 mm

*   warunki niekondensujące

	WPT/4P2 2000 H2	WPT/4P2 4000 H2	WPT/4P2 6000 H2
Maximum capacity [Max]	2000 kg	4000 kg	6000 kg
Minimum capacity	20 kg	40 kg	40 kg
Readability [d]	1000 g	2000 g	2000 g
Verification unit [e]	1000 g	2000 g	2000 g
Tare range	−2000 kg	−4000 kg	−6000 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design 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 - design	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 ℃	−10 ÷ +40 ℃	−10 ÷ +40 ℃
Relative humidity **	10 ÷ 85%	10 ÷ 85%	10 ÷ 85%
Transport and storage temperature	−10 ÷ +50 ℃	−10 ÷ +50 ℃	−10 ÷ +50 ℃
Weighing pan dimensions	2 beams, 2.5 m long (distance between beams up to 5 m)	2 beams, 2.5 m long (distance between beams up to 5 m)	2 beams, 2.5 m long (distance between beams up to 5 m)
Indicator dimensions	226 × 250 × 120 mm	226 × 250 × 120 mm	226 × 250 × 120 mm
Net weight	73 kg	113 kg	141 kg
Gross weight	101 kg	141 kg	169 kg
Packaging dimensions	2700 × 400 × 450 mm	2700 × 400 × 450 mm	2700 × 400 × 450 mm

*   warunki niekondensujące

Dimensions

Scale type	A	B	H	D
WPT/4P2 600 H	120	1200	85	1100
WPT/4P2 1500 H	120	1200	85	1100
WPT/4P2 3000 H	120	1200	85	1100
WPT/4P2 2000 H1	120	2000	105	1900
WPT/4P2 2000 H2	120	2500	105	2400
WPT/4P2 4000 H1	120	2000	155	1880
WPT/4P2 4000 H2	120	2500	155	2380
WPT/4P2 6000 H1	120	2000	155	1880
WPT/4P2 6000 H2	120	2500	155	2380

dimensions in mm

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