

Stainless Steel WPT/HR Platform Scale

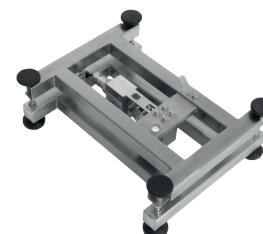
Uncomplicated operation and highly precise measurements carried out in aggressive and moist environment and at direct contact with water



WPT HR
indicator on a post



WPT HR/K
indicator connected via cable

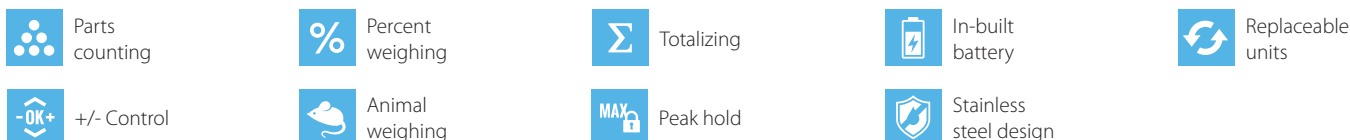


Stainless steel load cell



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

Functions



Features

Precise Weighing Results in Challenging Industrial Conditions

WPT/HR platform scale ensures precise and fast mass measurement in challenging industrial conditions.

Robustness and Resistance to Ambient Conditions

Robust design made of stainless steel enables operation in moist environment and at direct contact with water. Rustproof load cell and corrosion resistant stainless steel enable using the scale in the most challenging conditions and aggressive environments.

Versatility of Use

Various possibilities of fastening the indicator to the weighing platform enable selecting appropriate solution for different places of operation. The indicator can be mounted on a post or using cable.

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

Models with indicator on a cable enable its installation in a place facilitating convenient operation. An additional accessory enables placing the indicator on a stand or mounting it to the wall.

Customizable Instrument

Numerous variants of weighing pan dimensions and broad range of maximum capacities enable selecting the best weighing instrument suiting specific requirements and needs.

Technical Specifications

	WPT 3/HR2 WPT 3/HR2/K	WPT 6/HR2* WPT 6/HR2/K*	WPT 15/HR2* WPT 15/HR2/K*
Maximum capacity [Max]	3 kg	6 kg	15 kg
Minimum capacity	20 g	40 g	100 g
Readability [d]	1 g	2 g	5 g
Max readability for non-verified scale	0.2 g	0.2 g	0.5 g
Verification unit [e]	1 g	2 g	5 g
Tare range	-3 kg	-6 kg	-15 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	AISI316 stainless steel	AISI316 stainless steel	AISI316 stainless steel
Weighing pan material	AISI316 stainless steel	AISI316 stainless steel	AISI316 stainless steel
Indicator fastening	on a post on 2.5 m cable (K)	on a post on 2.5 m cable (K)	on a post on 2.5 m cable (K)
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 °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	250 × 300 mm	250 × 300 mm	250 × 300 mm
Indicator dimensions	226 × 250 × 120 mm	226 × 250 × 120 mm	226 × 250 × 120 mm
Overall dimensions	485 × 246 × 535mm	485 × 246 × 535mm	485 × 246 × 535 mm
Net weight	9.8 kg 9.7 kg (K)	9.8 kg 9.7 kg (K)	9.8 kg 9.7 kg (K)
Gross weight	11.5 kg 11.4 kg (K)	11.5 kg 11.4 kg (K)	11.5 kg 11.4 kg (K)
Packaging dimensions	580 × 320 × 360 mm	580 × 320 × 360 mm	580 × 320 × 360 mm

* option: dual range weighing instrument

** non-condensing conditions

	WPT 30/HR2* WPT 30/HR2/K*	WPT 6/HR3 WPT 6/HR3/K	WPT 15/HR3* WPT 15/HR3/K*
Maximum capacity [Max]	30 kg	6 kg	15 kg
Minimum capacity	200 g	40 g	100 g
Readability [d]	10 g	2 g	5 g
Max readability for non-verified scale	1 g	0.2 g	0.5 g
Verification unit [e]	10 g	2 g	5 g
Tare range	-30 kg	-6 kg	-15 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	AISI316 stainless steel	AISI316 stainless steel	AISI316 stainless steel
Weighing pan material	AISI316 stainless steel	AISI316 stainless steel	AISI316 stainless steel
Indicator fastening	on a post on 2.5 m cable (K)	on a post on 2.5 m cable (K)	on a post on 2.5 m cable (K)
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 °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	250 × 300 mm	410 × 410 mm	410 × 410 mm
Indicator dimensions	226 × 250 × 120 mm	226 × 250 × 120 mm	226 × 250 × 120 mm
Overall dimensions	485 × 246 × 535 mm	613 × 411 × 617 mm	613 × 411 × 617 mm
Net weight	9.8 kg 9.7 kg (K)	12 kg 11.7 kg (K)	12 kg 11.7 kg (K)
Gross weight	11.5 kg 11.4 kg (K)	14.7 kg 14 kg (K)	14.7 kg 14 kg (K)
Packaging dimensions	580 × 320 × 360 mm	670 × 510 × 330 mm	670 × 510 × 330 mm

* option: dual range weighing instrument

** non-condensing conditions

	WPT 30/HR3* WPT 30/H3R/K*	WPT 60/HR3* WPT 60/H3R/K*	WPT 150/HR3* WPT 150/HR3/K*
Maximum capacity [Max]	30 kg	60 kg	150 kg
Minimum capacity	200 g	400 g	1000 g
Readability [d]	10 g	20 g	50 g
Max readability for non-verified scale	1 g	2 g	5 g
Verification unit [e]	10 g	20 g	50 g
Tare range	-30 kg	-60 kg	-150 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	AISI316 stainless steel	AISI316 stainless steel	AISI316 stainless steel
Weighing pan material	AISI316 stainless steel	AISI316 stainless steel	AISI316 stainless steel
Indicator fastening	on a post on 2.5 m cable (K)	on a post on 2.5 m cable (K)	on a post on 2.5 m cable (K)
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 °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	410 × 410 mm	410 × 410 mm	410 × 410 mm
Indicator dimensions	226 × 250 × 120 mm	226 × 250 × 120 mm	226 × 250 × 120 mm
Overall dimensions	613 × 411 × 617 mm	613 × 411 × 617 mm	613 × 411 × 617 mm
Net weight	12 kg 11.7 kg (K)	12 kg 11.7 kg (K)	12 kg 11.7 kg (K)
Gross weight	14.7 kg 14 kg (K)	14.7 kg 14 kg (K)	14.7 kg 14 kg (K)
Packaging dimensions	670 × 510 × 330 mm	670 × 510 × 330 mm	670 × 510 × 330 mm

* option: dual range weighing instrument

** non-condensing conditions

	WPT 15/HR4 WPT 15/HR4/K	WPT 30/HR4* WPT 30/HR4/K*	WPT 60/HR4* WPT 60/HR4/K*
Maximum capacity [Max]	15 kg	30 kg	60 kg
Minimum capacity	100 g	200 g	400 g
Readability [d]	5 g	10 g	20 g
Max readability for non-verified scale	0.5 g	1 g	2 g
Verification unit [e]	5 g	10 g	20 g
Tare range	-15 kg	-30 kg	-60 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	AISI316 stainless steel	AISI316 stainless steel	AISI316 stainless steel
Weighing pan material	AISI316 stainless steel	AISI316 stainless steel	AISI316 stainless steel
Indicator fastening	on a post on 2.5 m cable (K)	on a post on 2.5 m cable (K)	on a post on 2.5 m cable (K)
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 °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	500 × 500 mm	500 × 500 mm	500 × 500 mm
Indicator dimensions	226 × 250 × 120 mm	226 × 250 × 120 mm	226 × 250 × 120 mm
Overall dimensions	718 × 500 × 790 mm	718 × 500 × 790 mm	718 × 500 × 790 mm
Net weight	18.9 kg 18.1 kg (K)	18.9 kg 18.1 kg (K)	18.9 kg 18.1 kg (K)
Gross weight	22.7 kg 21.6 kg (K)	22.7 kg 21.6 kg (K)	22.7 kg 21.6 kg (K)
Packaging dimensions	840 × 600 × 400 mm	840 × 600 × 400 mm	840 × 600 × 400 mm

* option: dual range weighing instrument

** non-condensing conditions

	WPT 150/HR4* WPT 150/HR4/K*	WPT 15/HR3/5 WPT 15/HR3/5/K	WPT 30/HR3/5* WPT 30/HR3/5/K*
Maximum capacity [Max]	150 kg	15 kg	30 kg
Minimum capacity	1000 g	100 g	200 g
Readability [d]	50 g	5 g	10 g
Max readability for non-verified scale	5 g	0.5 g	1 g
Verification unit [e]	50 g	5 g	10 g
Tare range	-150 kg	-15 kg	-30 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	AISI316 stainless steel	AISI316 stainless steel	AISI316 stainless steel
Weighing pan material	AISI316 stainless steel	AISI316 stainless steel	AISI316 stainless steel
Indicator fastening	on a post on 2.5 m cable (K)	on a post on 2.5 m cable (K)	on a post on 2.5 m cable (K)
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 °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	500 × 500 mm	400 × 600 mm	400 × 600 mm
Indicator dimensions	226 × 250 × 120 mm	226 × 250 × 120 mm	226 × 250 × 120 mm
Overall dimensions	718 × 500 × 790 mm	610 × 600 × 796 mm	610 × 600 × 796 mm
Net weight	18.9 kg 18,1 kg (K)	19.4 kg 18.6 kg (K)	19.4 kg 18.6 kg (K)
Gross weight	22.7 kg 21.6 kg (K)	23.2 kg 22.1 kg (K)	23.2 kg 22.1 kg (K)
Packaging dimensions	840 × 600 × 400 mm	670 × 510 × 330 mm	670 × 510 × 330 mm

* option: dual range weighing instrument

** non-condensing conditions

	WPT 60/HR3/5* WPT 60/HR3/5/K*	WPT 150/HR3/5 WPT 150/HR3/5/K	WPT 15/HR5 WPT 15/HR5/K
Maximum capacity [Max]	60 kg	150 kg	15 kg
Minimum capacity	400 g	1000 g	100 g
Readability [d]	20 g	50 g	5 g
Max readability for non-verified scale	2 g	5 g	1 g
Verification unit [e]	20 g	50 g	5 g
Tare range	-60 kg	-150 kg	-15 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	AISI316 stainless steel	AISI316 stainless steel	AISI316 stainless steel
Weighing pan material	AISI316 stainless steel	AISI316 stainless steel	AISI316 stainless steel
Indicator fastening	on a post on 2.5 m cable (K)	on a post on 2.5 m cable (K)	on a post on 2.5 m cable (K)
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 °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	400 × 600 mm	400 × 600 mm	600 × 600 mm
Indicator dimensions	226 × 250 × 120 mm	226 × 250 × 120 mm	226 × 250 × 120 mm
Overall dimensions	610 × 600 × 796 mm	610 × 600 × 796 mm	818 × 600 × 790 mm
Net weight	19.4 kg 18.6 kg (K)	19.4 kg 18.6 kg (K)	21,6 kg 20,8 kg (K)
Gross weight	23.2 kg 22.1 kg (K)	23.2 kg 22.1 kg (K)	25,9 kg 24,8 kg (K)
Packaging dimensions	670 × 510 × 330 mm	670 × 510 × 330 mm	840 × 700 × 400 mm

* option: dual range weighing instrument

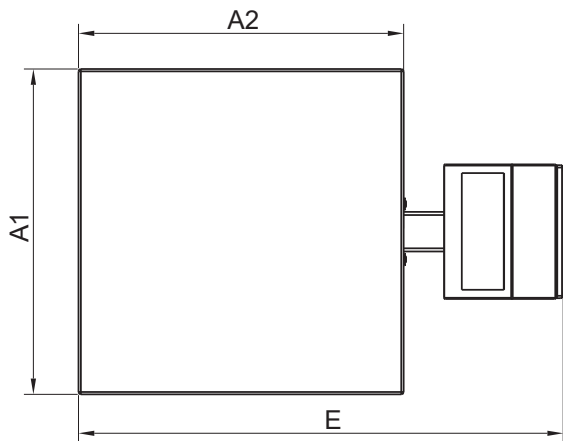
** non-condensing conditions

	WPT 30/HR5* WPT 30/HR5/K*	WPT 60/HR5* WPT 60/HR5/K*	WPT 150/HR5* WPT 150/HR5/K*
Maximum capacity [Max]	30 kg	60 kg	150 kg
Minimum capacity	200 g	400 g	1000 g
Readability [d]	10 g	20 g	50 g
Max readability for non-verified scale	1 g	2 g	5 g
Verification unit [e]	10 g	20 g	50 g
Tare range	-30 kg	-60 kg	-150 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	AISI316 stainless steel	AISI316 stainless steel	AISI316 stainless steel
Weighing pan material	AISI316 stainless steel	AISI316 stainless steel	AISI316 stainless steel
Indicator fastening	on a post on 2.5 m cable (K)	on a post on 2.5 m cable (K)	on a post on 2.5 m cable (K)
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 °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	600 × 600 mm	600 × 600 mm	600 × 600 mm
Indicator dimensions	226 × 250 × 120 mm	226 × 250 × 120 mm	226 × 250 × 120 mm
Overall dimensions	818 × 600 × 790 mm	818 × 600 × 790 mm	818 × 600 × 790 mm
Net weight	21,6 kg 20,8 kg (K)	21,6 kg 20,8 kg (K)	21,6 kg 20,8 kg (K)
Gross weight	25,9 kg 24,8 kg (K)	25,9 kg 24,8 kg (K)	25,9 kg 24,8 kg (K)
Packaging dimensions	840 × 700 × 400 mm	840 × 700 × 400 mm	840 × 700 × 400 mm

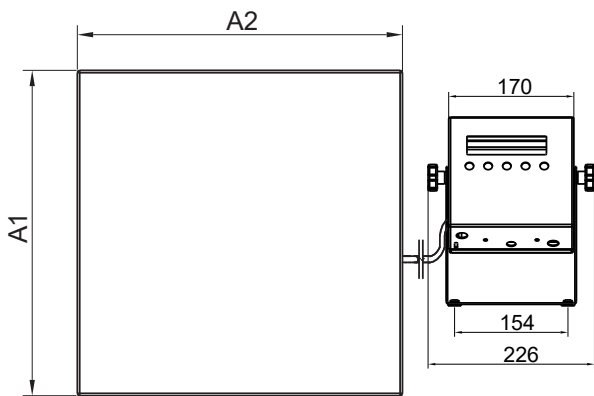
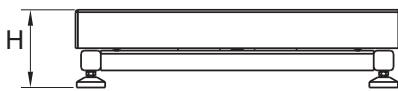
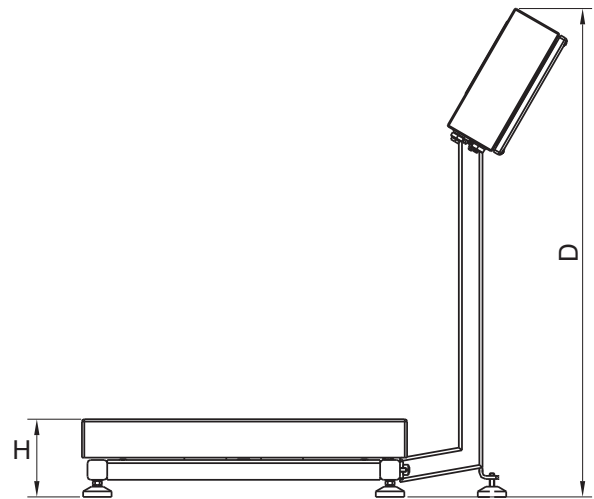
* option: dual range weighing instrument

** non-condensing conditions

Dimensions



WPT HR



WPT HR/K

Scale type	A1	A2	H	D	E
WPT HR2	246	306	103 ±3	535	485
WPT HR2/K	246	306	103 ±3	-	-
WPT HR3	411	411	98 ±2	617	613
WPT HR3/K	411	411	98 ±2	-	-
WPT HR4	500	500	155 ±5	790	718
WPT HR4/K	500	500	155 ±5	-	-
WPT HR5	600	600	155 ±5	790	818
WPT HR5/K	600	600	155 ±5	-	-

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
- covers for weighing platforms with roller conveyors
- weighing Tables

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