WPY Multifunctional Scale

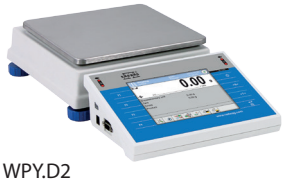
Speed, functionality and accuracy
of weighing process in challenging industrial applications



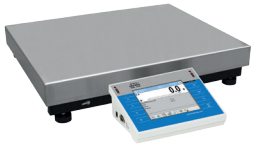
C32.C2.M
indicator on a post



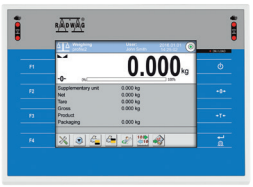
WPY.F1.K
indicator connected via cable



WPY.D2
housing made of ABS plastic



WPY.C3.R
indicator next to the platform



PUE 7.1 indicator with
5.7" colour graphic display

Functions

- Parts counting
- Statistics
- Density determination
- Peak hold
- Smart select
- Dosing
- Differential weighing
- Transactions
- Under-pan weighing
- Alibi memory
- Checkweighing
- Animal weighing
- Pre-packaged goods control
- Proximity sensors
- Replaceable units
- Formulations
- Totalizing
- Statistical quality control
- Labelling
- Multilingual menu
- Percent weighing

Features

Precise Weighing Results in Industrial Conditions
Advanced WPY multifunctional scale enables fast and precise mass measurements in industrial conditions.

Reliability and Safety
Robust platform made of powder-coated steel allows to weight different types of loads, ensuring durability and endurance in everyday use.

Vast Range of Applications
Numerous functions and applications of WPY scale enable carrying out parts counting, formulations, dosing and labelling. This enables applying the scale in various industries.

Cooperation with PUE 7.1 Indicator
The scale can be operated via advanced PUE 7.1 indicator controlled by Windows CE system. The housing is made of durable ABS plastic.

Uncomplicated Operation and Clear Presentation of Indications
5.7" colour screen ensures perfect readability, clear menu and intuitive information arrangement on the display guarantees uncomplicated and comfortable operation.

Touch-Free Operation
Two programmable proximity sensors can be assigned with any function or application. The given function when assigned is both run and operated touch-free. This makes your work even more comfortable, and helps to keep the indicator clean.

Technical Specifications

	WPY.0.6.D2	WPY.1.5.D2*	WPY.3.D2*
Maximum capacity [Max]	0.6 kg	1.5 kg	3 kg
Minimum capacity	4 g	10 g	20 g
Readability [d]	0.2 g	0.5 g	1 g
Max readability for non-verified scale	0.02 g	0.05 g	0.1 g
Verification unit [e]	0.2 g	0.5 g	1 g
Tare range	–0.6 kg	–1.5 kg	–3 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	ABS	ABS	ABS
Weighing pan material	AISI304 stainless steel	AISI304 stainless steel	AISI304 stainless steel
Indicator fastening	to the platform	to the platform	to the platform
Display	5.7" colour resistive touchscreen	5.7" colour resistive touchscreen	5.7" colour resistive touchscreen
Keyboard	8 keys	8 keys	8 keys
Touch-free operation	2 programmable sensors	2 programmable sensors	2 programmable sensors
Indicator type	PUE 7.1	PUE 7.1	PUE 7.1
Ingress protection - platform	IP 43	IP 43	IP 43
Ingress protection - indicator	IP 43	IP 43	IP 43
USB-A	2	2	2
Ethernet	10 / 100 Mbit	10 / 100 Mbit	10 / 100 Mbit
RS 232	1 × 8-pin socket, 1 × 15-pin socket	1 × 8-pin socket, 1 × 15-pin socket	1 × 8-pin socket, 1 × 15-pin socket
Wireless Connection	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
IN/OUT	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)
Optional quantity of weighing platforms*	Max 2 (additional DP-4 module required)	Max 2 (additional DP-4 module required)	Max 2 (additional DP-4 module required)
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC
Power consumption	10 W	10 W	10 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	195 × 195 mm	195 × 195 mm	195 × 195 mm
Overall dimensions	396 × 195 × 82 mm	396 × 195 × 82 mm	396 × 195 × 82 mm
Net weight	2.7 kg	2.7 kg	2.7 kg
Gross weight	3.6 kg	3.6 kg	3.6 kg
Packaging dimensions	490 × 300 × 150 mm	490 × 300 × 150 mm	490 × 300 × 150 mm

* accessories for an additional charge
** non-condensing conditions

	WPY.6.D2*	WPY.15.D2*	WPY.1.5.F1.R WPY.1.5.F1.K WPY.1.5.F1
Maximum capacity [Max]	6 kg	15 kg	1.5 kg
Minimum capacity	40 g	100 g	10 g
Readability [d]	2 g	5 g	0.5 g
Max readability for non-verified scale	0.2 g	0.5 g	0.2 g
Verification unit [e]	2 g	5 g	0.5 g
Tare range	–6 kg	–15 kg	–1.5 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	ABS	ABS	powder-coated steel St3S
Weighing pan material	AISI304 stainless steel	AISI304 stainless steel	AISI304 stainless steel
Indicator fastening	to the platform	to the platform	to the platform (R) on 1 m cable (K) on a post
Display	5.7″ colour resistive touchscreen	5.7″ colour resistive touchscreen	5.7″ colour resistive touchscreen
Keyboard	8 keys	8 keys	8 keys
Touch-free operation	2 programmable sensors	2 programmable sensors	2 programmable sensors
Indicator type	PUE 7.1	PUE 7.1	PUE 7.1
Ingress protection - platform	IP 43	IP 43	IP 65
Ingress protection - indicator	IP 43	IP 43	IP 43
USB-A	2	2	2
Ethernet	10 / 100 Mbit	10 / 100 Mbit	10 / 100 Mbit
RS 232	1 × 8-pin socket, 1 × 15-pin socket	1 × 8-pin socket, 1 × 15-pin socket	1 × 8-pin socket, 1 × 15-pin socket
Wireless Connection	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
IN/OUT	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)
Optional quantity of weighing platforms*	Max 2 (additional DP-4 module required)	Max 2 (additional DP-4 module required)	Max 2 (additional DP-4 module required)
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC
Power consumption	10 W	10 W	10 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	195 × 195 mm	195 × 195 mm	300 × 300 mm
Indicator dimensions	206 × 140 × 71 mm	206 × 140 × 71 mm	206 × 140 × 71 mm
Overall dimensions	396 × 195 × 82 mm	396 × 195 × 82 mm	433 × 300 × 70 mm (R) 433 × 300 × 374 mm
Net weight	2.7 kg	2.7 kg	5.4kg (R) 5.4 kg (K) 5.4 Kg
Gross weight	3.6 kg	3.6 kg	6.2 kg (R) 6.2 kg (K) 6.7 Kg
Packaging dimensions	490 × 300 × 150 mm	490 × 300 × 150 mm	570 × 390 × 170 mm (R) 570 × 390 × 170 mm (K) 500 × 390 × 410 mm

* accessories for an additional charge
** non-condensing conditions

	WPY.3.F1.R WPY.3.F1.K WPY.3.F1	WPY.6.F1.R* WPY.6.F1.K* WPY.6.F1*	WPY.15.F1.R* WPY.15.F1.K* WPY.15.F1*
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	–0.6 kg	–6 kg	–15 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	powder-coated steel St3S	powder-coated steel St3S	powder-coated steel St3S
Weighing pan material	AISI304 stainless steel	AISI304 stainless steel	AISI304 stainless steel
Indicator fastening	to the platform (R) on 1 m cable (K) on a post	to the platform (R) on 1 m cable (K) on a post	to the platform (R) on 1 m cable (K) on a post
Display	5.7″ colour resistive touchscreen	5.7″ colour resistive touchscreen	5.7″ colour resistive touchscreen
Keyboard	8 keys	8 keys	8 keys
Touch-free operation	2 programmable sensors	2 programmable sensors	2 programmable sensors
Indicator type	PUE 7.1	PUE 7.1	PUE 7.1
Ingress protection - platform	IP 65	IP 65	IP 65
Ingress protection - indicator	IP 43	IP 43	IP 43
USB-A	2	2	2
Ethernet	10 / 100 Mbit	10 / 100 Mbit	10 / 100 Mbit
RS 232	1 × 8-pin socket, 1 × 15-pin socket	1 × 8-pin socket, 1 × 15-pin socket	1 × 8-pin socket, 1 × 15-pin socket
Wireless Connection	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
IN/OUT	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)
Optional quantity of weighing platforms*	Max 2 (additional DP-4 module required)	Max 2 (additional DP-4 module required)	Max 2 (additional DP-4 module required)
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC
Power consumption	10 W	10 W	10 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	300 × 300 mm	300 × 300 mm	300 × 300 mm
Indicator dimensions	206 × 140 × 71 mm	206 × 140 × 71 mm	206 × 140 × 71 mm
Overall dimensions	433 × 300 × 70 mm (R) 433 × 300 × 374 mm	433 × 300 × 70 mm (R) 433 × 300 × 374 mm	433 × 300 × 70 mm (R) 433 × 300 × 374 mm
Net weight	5.4 kg (R) 5.4 kg (K) 5.4 Kg	5.4 kg (R) 5.4 kg (K) 5.4 Kg	5.4 kg (R) 5.4 kg (K) 5.4 Kg
Gross weight	6.2 kg (R) 6.2 kg (K) 6.7 kg	6.2 kg (R) 6.2 kg (K) 6.7 kg	6.2 kg (R) 6.2 kg (K) 6.7 kg
Packaging dimensions	570 × 390 × 170 mm (R) 570 × 390 × 170 mm (K) 500 × 390 × 410 mm	570 × 390 × 170 mm (R) 570 × 390 × 170 mm (K) 500 × 390 × 410 mm	570 × 390 × 170 mm (R) 570 × 390 × 170 mm (K) 500 × 390 × 410 mm

* accessories for an additional charge
** non-condensing conditions

	WPY.30.F1.R* WPY.30.F1.K* WPY.30.F1*	WPY.15.C2.R* WPY.15.C2.K* WPY.15.C2*	WPY.30.C2.R* WPY.30.C2.K* WPY.30.C2*
Maximum capacity [Max]	30 kg	15 kg	30 kg
Minimum capacity	200 g	100 g	200 g
Readability [d]	10 g	5 g	10 g
Max readability for non-verified scale	1 g	1 g	1 g
Verification unit [e]	10 g	5 g	10 g
Tare range	–30 kg	–15 kg	–30 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	powder-coated steel St3S	powder-coated steel St3S	powder-coated steel St3S
Weighing pan material	AISI304 stainless steel	AISI304 stainless steel	AISI304 stainless steel
Indicator fastening	to the platform (R) on 1 m cable (K) on a post	to the platform (R) on 2.5 m cable (K) on a post	to the platform (R) on 2.5 m cable (K) on a post
Display	5.7″ colour resistive touchscreen	5.7″ colour resistive touchscreen	5.7″ colour resistive touchscreen
Keyboard	8 keys	8 keys	8 keys
Touch-free operation	2 programmable sensors	2 programmable sensors	2 programmable sensors
Indicator type	PUE 7.1	PUE 7.1	PUE 7.1
Ingress protection - platform	IP 65	IP 65	IP 65
Ingress protection - indicator	IP 43	IP 43	IP 43
USB-A	2	2	2
Ethernet	10 / 100 Mbit	10 / 100 Mbit	10 / 100 Mbit
RS 232	1 × 8-pin socket, 1 × 15-pin socket	1 × 8-pin socket, 1 × 15-pin socket	1 × 8-pin socket, 1 × 15-pin socket
Wireless Connection	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
IN/OUT	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)
Optional quantity of weighing platforms*	Max 2 (additional DP-4 module required)	Max 2 (additional DP-4 module required)	Max 2 (additional DP-4 module required)
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC
Power consumption	10 W	10 W	10 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	300 × 300 mm	400 × 500 mm	400 × 500 mm
Indicator dimensions	206 × 140 × 71 mm	206 × 140 × 71 mm	206 × 140 × 71 mm
Overall dimensions	433 × 300 × 70 mm (R) 433 × 300 × 374 mm	565 × 500 × 105 mm (R) 509 × 500 × 768 mm	565 × 500 × 105 mm (R) 509 × 500 × 768 mm
Net weight	5.4 kg (R) 5.4 kg (K) 5.4 Kg	11.2 kg (R) 11.2 kg (K) 12.9 Kg	11.2 kg (R) 11.2 kg (K) 12.9 Kg
Gross weight	6.2 kg (R) 6.2 kg (K) 6.7 kg	13.2 kg (R) 13.2 kg (K) 14.9 kg	13.2 kg (R) 13.2 kg (K) 14.9 kg
Packaging dimensions	570 × 390 × 170 mm (R) 570 × 390 × 170 mm (K) 500 × 390 × 410 mm	720 × 620 × 210 mm (R) 720 × 620 × 210 mm (K) 720 × 620 × 210 mm	720 × 620 × 210 mm (R) 720 × 620 × 210 mm (K) 720 × 620 × 210 mm

* accessories for an additional charge
** non-condensing conditions

	WPY.60.C2.R* WPY.60.C2.K* WPY.60.C2*	WPY.150.C2.R* WPY.150.C2.K* WPY.150.C2*	WPY.300.C2.R* WPY.300.C2.K* WPY.300.C2*
Maximum capacity [Max]	60 kg	150 kg	300 kg
Minimum capacity	400 g	1000 g	2000 g
Readability [d]	20 g	50 g	100 g
Max readability for non-verified scale	2 g	5 g	10 g
Verification unit [e]	20 g	50 g	100 g
Tare range	–60 kg	–150 kg	–300 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	powder-coated steel St3S	powder-coated steel St3S	powder-coated steel St3S
Weighing pan material	AISI304 stainless steel	AISI304 stainless steel	AISI304 stainless steel
Indicator fastening	to the platform (R) on 2.5 m cable (K) on a post	to the platform (R) on 2.5 m cable (K) on a post	to the platform (R) on 2.5 m cable (K) on a post
Display	5.7″ colour resistive touchscreen	5.7″ colour resistive touchscreen	5.7″ colour resistive touchscreen
Keyboard	8 keys	8 keys	8 keys
Touch-free operation	2 programmable sensors	2 programmable sensors	2 programmable sensors
Indicator type	PUE 7.1	PUE 7.1	PUE 7.1
Ingress protection - platform	IP 65	IP 65	IP 65
Ingress protection - indicator	IP 43	IP 43	IP 43
USB-A	2	2	2
Ethernet	10 / 100 Mbit	10 / 100 Mbit	10 / 100 Mbit
RS 232	1 × 8-pin socket, 1 × 15-pin socket	1 × 8-pin socket, 1 × 15-pin socket	1 × 8-pin socket, 1 × 15-pin socket
Wireless Connection	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
IN/OUT	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)
Optional quantity of weighing platforms*	Max 2 (additional DP-4 module required)	Max 2 (additional DP-4 module required)	Max 2 (additional DP-4 module required)
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC
Power consumption	10 W	10 W	10 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 × 500 mm	400 × 500 mm	400 × 500 mm
Indicator dimensions	206 × 140 × 71 mm	206 × 140 × 71 mm	206 × 140 × 71 mm
Overall dimensions	565 × 500 × 105 mm (R) 509 × 500 × 768 mm	565 × 500 × 105 mm (R) 509 × 500 × 768 mm	565 × 500 × 105 mm (R) 509 × 500 × 768 mm
Net weight	11.2 kg (R) 11.2 kg (K) 12.9 Kg	11.2 kg (R) 11.2 kg (K) 12.9 Kg	11.2 kg (R) 11.2 kg (K) 12.9 Kg
Gross weight	13.2 kg (R) 13.2 kg (K) 14.9 kg	13.2 kg (R) 13.2 kg (K) 14.9 kg	13.2 kg (R) 13.2 kg (K) 14.9 kg
Packaging dimensions	720 × 620 × 210 mm (R) 720 × 620 × 210 mm (K) 720 × 620 × 210 mm	720 × 620 × 210 mm (R) 720 × 620 × 210 mm (K) 720 × 620 × 210 mm	720 × 620 × 210 mm (R) 720 × 620 × 210 mm (K) 720 × 620 × 210 mm

* accessories for an additional charge
** non-condensing conditions

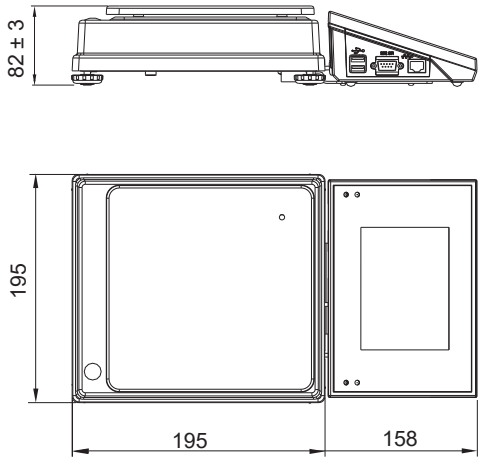
	WPY.15.C3.K WPY.15.C3.	WPY.30.C3.K* WPY.30.C3*	WPY.60.C3.K* WPY.60.C3*
Maximum capacity [Max]	15 kg	30 kg	60 kg
Minimum capacity	100 g	200 g	400 g
Readability [d]	5 g	10 g	20 g
Max readability for non-verified scale	1 g	1 g	2 g
Verification unit [e]	5 g	10 g	20 g
Tare range	–15 kg	–30 kg	–60 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	powder-coated steel St3S	powder-coated steel St3S	powder-coated steel St3S
Weighing pan material	AISI304 stainless steel	AISI304 stainless steel	AISI304 stainless steel
Indicator fastening	on 2.5 m cable (K) on a post	on 2.5 m cable (K) on a post	on 2.5 m cable (K) on a post
Display	5.7" colour resistive touchscreen	5.7" colour resistive touchscreen	5.7" colour resistive touchscreen
Keyboard	8 keys	8 keys	8 keys
Touch-free operation	2 programmable sensors	2 programmable sensors	2 programmable sensors
Indicator type	PUE 7.1	PUE 7.1	PUE 7.1
Ingress protection - platform	IP 65	IP 65	IP 65
Ingress protection - indicator	IP 43	IP 43	IP 43
USB-A	2	1	1
Ethernet	10 / 100 Mbit	10 / 100 Mbit	10 / 100 Mbit
RS 232	1 × 8-pin socket, 1 × 15-pin socket	1 × 8-pin socket, 1 × 15-pin socket	1 × 8-pin socket, 1 × 15-pin socket
Wireless Connection	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
IN/OUT	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)
Optional quantity of weighing platforms*	Max 2 (additional DP-4 module required)	Max 2 (additional DP-4 module required)	Max 2 (additional DP-4 module required)
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC
Power consumption	10 W	10 W	10 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	700 × 500 mm	700 × 500 mm	700 × 500 mm
Indicator dimensions	206 × 140 × 71 mm	206 × 140 × 71 mm	206 × 140 × 71 mm
Overall dimensions	817 × 500 × 773 mm	817 × 500 × 773 mm	817 × 500 × 773 mm
Net weight	21.8 kg (K) 23.5 Kg	21.8 kg (K) 23.5 Kg	21.8 kg (K) 23.5 Kg
Gross weight	25.6 kg (K) 27.3 kg	25.6 kg (K) 27.3 kg	25.6 kg (K) 27.3 kg
Packaging dimensions	850 × 800 × 270 mm (K) 850 × 800 × 270 mm	850 × 800 × 270 mm (K) 850 × 800 × 270 mm	850 × 800 × 270 mm (K) 850 × 800 × 270 mm

* accessories for an additional charge
** non-condensing conditions

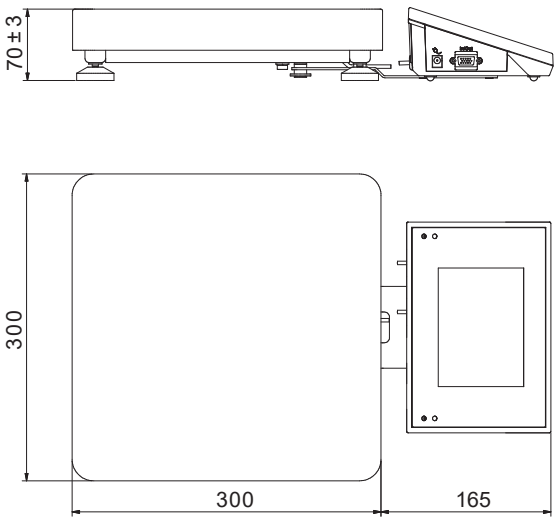
	WPY.150.C3.K* WPY.150.C3.*	WPY.300.C3.K* WPY.300.C3.*
Maximum capacity [Max]	150 kg	300 kg
Minimum capacity	1000 g	2000 g
Readability [d]	50 g	100 g
Max readability for non-verified scale	5 g	10 g
Verification unit [e]	50 g	100 g
Tare range	–150 kg	–300 kg
Verification	Yes	Yes
OIML class	III	III
Design material	powder-coated steel St3S	powder-coated steel St3S
Weighing pan material	AISI304 stainless steel	AISI304 stainless steel
Indicator fastening	on 2.5 m cable (K) on a post	on 2.5 m cable (K) on a post
Display	5.7″ colour resistive touchscreen	5.7″ colour resistive touchscreen
Keyboard	8 keys	8 keys
Touch-free operation	2 programmable sensors	2 programmable sensors
Indicator type	PUE 7.1	PUE 7.1
Ingress protection - platform	IP 65	IP 65
Ingress protection - indicator	IP 43	IP 43
USB-A	2	2
Ethernet	10 / 100 Mbit	10 / 100 Mbit
RS 232	1 × 8-pin socket, 1 × 15-pin socket	1 × 8-pin socket, 1 × 15-pin socket
Wireless Connection	802.11 b/g/n	802.11 b/g/n
IN/OUT	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	4 × IN, 4 × OUT for (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)
Optional quantity of weighing platforms*	Max 2 (additional DP-4 module required)	Max 2 (additional DP-4 module required)
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC
Power consumption	10 W	10 W
Operating temperature	–10 ÷ +40 °C	–10 ÷ +40 °C
Relative humidity **	10 ÷ 85%	10 ÷ 85%
Transport and storage temperature	–10 ÷ +50 °C	–10 ÷ +50 °C
Weighing pan dimensions	700 × 500 mm	700 × 500 mm
Indicator dimensions	206 × 140 × 71 mm	206 × 140 × 71 mm
Overall dimensions	817 × 500 × 773 mm	817 × 500 × 773 mm
Net weight	21.8 kg (K) 23.5 Kg	21.8 kg (K) 23.5 Kg
Gross weight	25.6 kg (K) 27.3 kg	25.6 kg (K) 27.3 kg
Packaging dimensions	850 × 800 × 270 mm (K) 850 × 800 × 270 mm	850 × 800 × 270 mm (K) 850 × 800 × 270 mm

* accessories for an additional charge
** non-condensing conditions

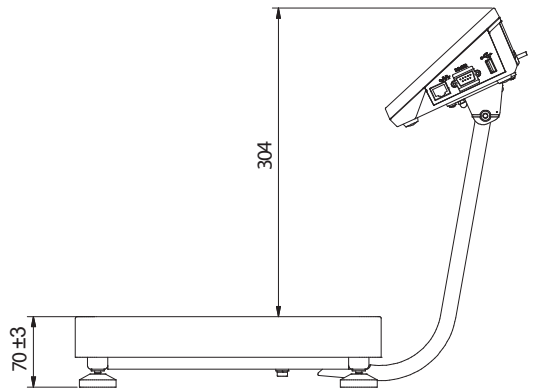
Dimensions

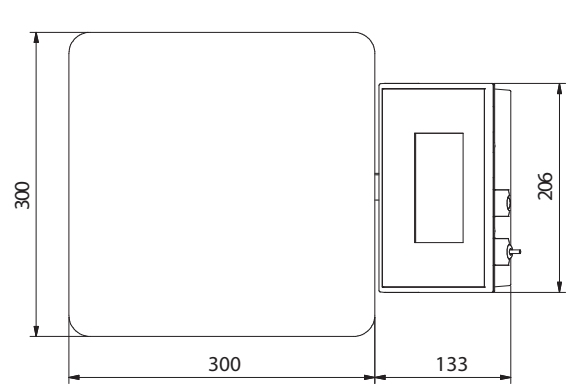


WPY D2

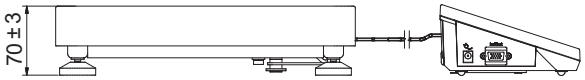


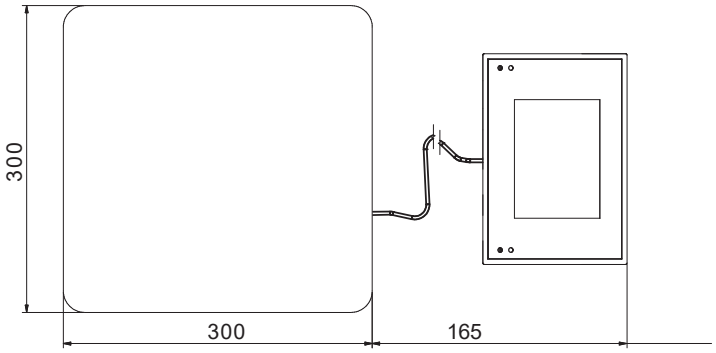
WPY F1/R



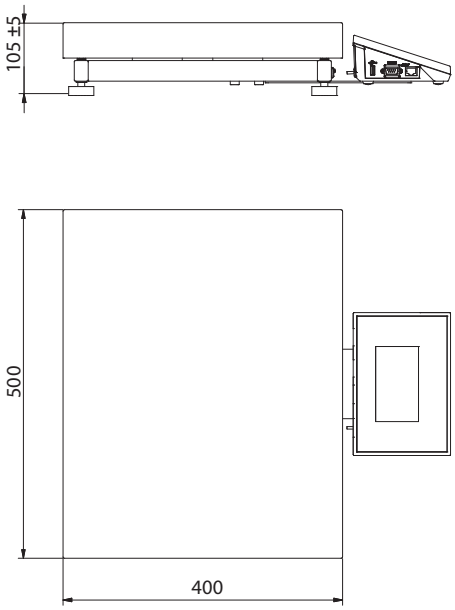


WPY F1/M

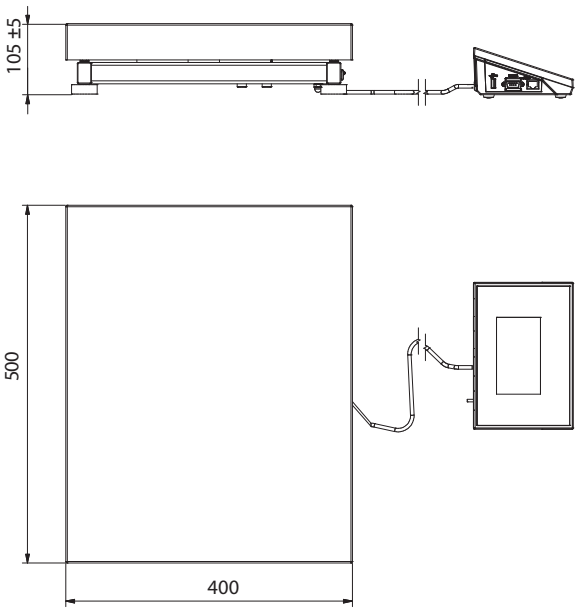




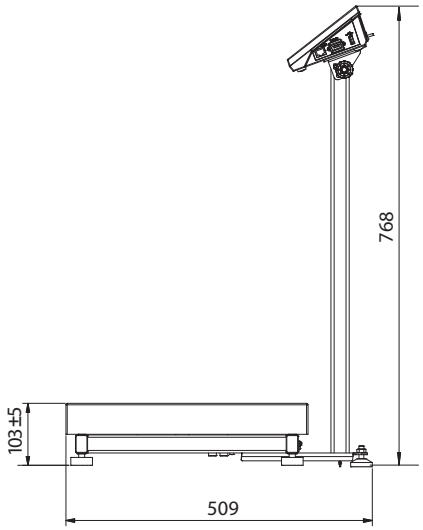
WPY F1/K

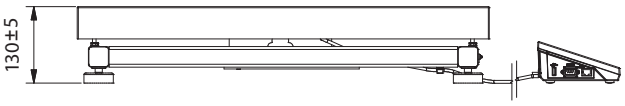


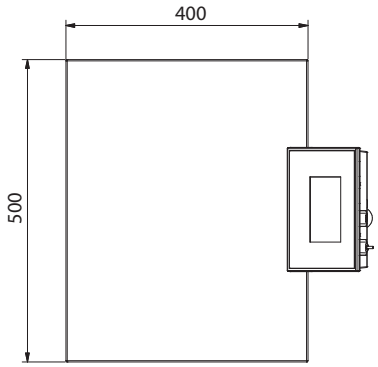
WPY C2/R



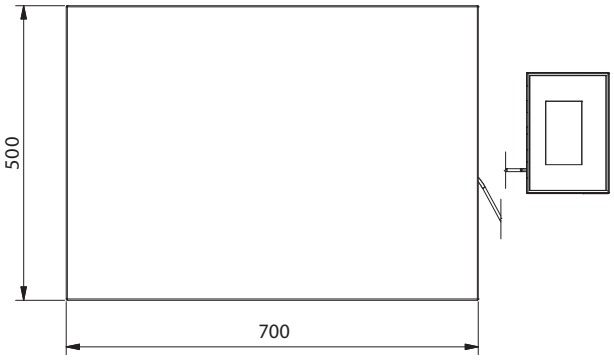
WPY C2/K



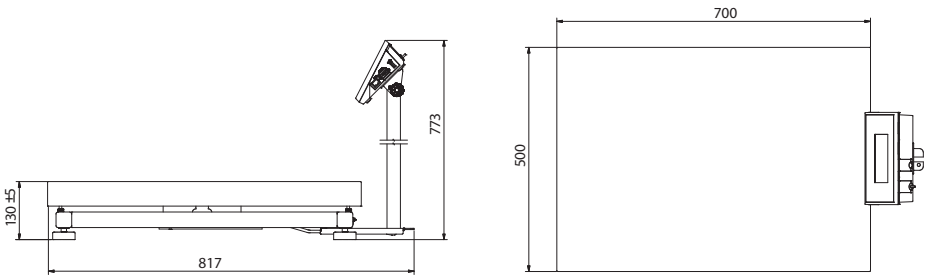




WPY C2/M



WPY C3/K



WPY C3/M

Accessories

Peripheral Devices
- Epson dot matrix printer
- label printers Zebra
- WWG-2/5 large-size display
- LCD – WD-4/4 display (backlit)
- stack light
- keyboards, external switches
- transponder card scanner
- barcode scanner

Cables, Converters
- RS-232 – P0108 cable (scale - indicator)
- RS-232 – P0167 cable (scale - indicator)
- RS-232 – PT0301 cable (scale - indicator)
- RS-232 – P0151 Epson printer cable
- RS-232 – P0183 Zebra printer cablei
- IN/OUT – PT0128 cables
- USB cable type A-B
- Ethernet cable
- AP2-1 – current loop unit (in stainless steel housing)
- K0047 – cigarette lighter cable

Weighing Platforms
- 1 load cell platforms
- 4 load cell platforms
- high resolution platforms

Remaining accessories
- weighing tables
- stands for indicators

Dedicated Software

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

Label Editor R02
- designing label templates
- sending graphics and fonts to label printers
- printing label templates using connected printers

E2R PGC
- synchronization of databases, operators, products schedules
- record of measurements and PGC controls carried out on weighing instruments linked in ETHERNET network
- quality assessment of pre- packaged goods based on acquired data

E2R Weighing Records
- complete, automated databases synchronization
- fully supported processes of labelling and parts counting
- record of weighings, weighings archiving
- basic and advanced (with graphs) reports

E2R Formulations
- carrying out simple formulations
- support of an advanced formulations orders function
- warehouse management
- optional automatic dispensing and constant correction of the dispensing process
- control of an ingredient using the barcode scanner

E2R Weighings
- record of measurements carried out using the weighing indicators
- online monitoring of the production lines
- weighing thresholds control
- employees working time reporting

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

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

LabView Driver
- operation of RADWAG balances in LabView environment

RADWAG Remote Desktop
- remote operation via computer, mobile phone or tablet
- sending text messages
- version for Windows 10 and Android systems

Parameters Editor
- remote change of parameters
- remote on-line preview of the display
- displaying current mass indication
- software update
- file loading, editing and saving parameters to a file
- import and export of parameters
- interfaces: RS232, Ethernet and Wireless Connection.
- quick and easy edition of balance parameters using computer.

Audit Trail Reader
- support of Audit Trail function available for 3Y, 4Y, HY10, WLY, WPY series weighing instruments
- record of operator's activity from the moment of logging in