



### Application:

Multifunctional scales WPY series are designed for fast and precise determining mass of weighed objects in industrial conditions and with application of a modern terminal PUE7 series. The scales feature simple structure and enable maximum automation of carried out weighing processes. The universal software implemented in the terminal enables scale cooperation with barcode scanners, receipt printers, label printers, RFID scanners and PC peripherals (including mouse, keyboard and external data storage devices) all connectable to built-in interfaces RS232, USB and Ethernet

### Design and Functionality:

All types of the WPY scales feature a stainless steel weighing platform and a terminal comprising 5,7" TFT colourful touch screen display and a membrane keyboard. The system is ready to connect an additional weighing platform, and provides below functions:

- programming of display and functional keys,
- programming infrared proximity sensors,
- programming printouts,
- programming text data displayed on scale terminal.

- Parts counting
- Totalizing
- Filling
- Checkweighing
- Labeling
- Percent setup
- Statistics
- Formulation
- Under-hook weighing
- Infrared sensors



#### Data exchange through USB storage devices

- update scale software
- export weighing data



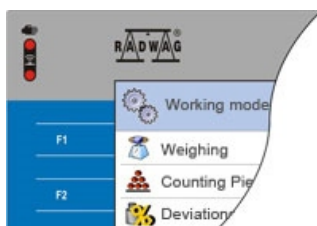
#### 5,7" colourful touch screen Infrared proximity sensors

Programmable 40 functions (PRINT, TARE and others).



#### Communication interfaces

- Ethernet
- 2×RS 232
- 2×USB
- 4 IN / 4 OUT.



WPY series comes standard with working modes for "Parts counting" and "Checkweighing".

**Technical data:**

	WPY 0,6/D2	WPY 1,5/D2	WPY 3/D2	WPY 6/D2
Max capacity	0,6 kg	1,5 kg	3 kg	6 kg
Minimum load	4 g	10 g	20 g	40 g
Readability	0,2 g	0,5 g	1 g	2 g
Verification interval	0,2 g	0,5 g	1 g	2 g
Tare range	-0,6 kg	-1,5 kg	-3 kg	-6 kg
Repeatability	0,2 g	0,5 g	1 g	2 g
Linearity	±0,2 g	±0,5 g	±1 g	±2 g
OIML class	III			
Pan size	195×195 mm			
Stabilization time	2 s			
Working temperature	-10 ° ÷ +40 °C			
Storage temperature	-25 ° ÷ +70 °C			
IP rating	IP 43			
Power supply	110÷230VAC 50/60Hz / 10,5÷15VDC			
Adjustment / Calibration	external			
Display	5,7" touch screen			
Interface	2×USB, 2×RS 232, Ethernet, 4IN / 4OUT			
Net weight / Gross weight	2,7/3,6 kg			
Packaging size	490×300×150 mm			

**Technical data:**

	WPY 3/6/F1/R WPY 3/6/F1/K	WPY 6/F1/R WPY 6/F1/K	WPY 6/15/F1/R WPY 6/15/F1/K	WPY 15/F1/R WPY 15/F1/K	WPY 15/30/F1/R WPY 15/30/F1/K	WPY 30/F1/R WPY 30/F1/K
Max capacity	3/6 kg	6 kg	6/15 kg	15 kg	15/30 kg	30 kg
Minimum load	20/40 g	40 g	40/100 g	100 g	100/200 g	200 g
Readability	1/2 g	2 g	2/5 g	5 g	5/10 g	10 g
Verification interval	1/2 g	2 g	2/5 g	5g	5/10 g	10 g
Tare range	-6 kg	-6 kg	-15 kg	-15 kg	-30 kg	-30 kg
Repeatability	1/2 g	2 g	2/5 g	5 g	5/10 g	10 g
Linearity	±1/2 g	±2 g	±2/5 g	±5 g	±5/10 g	±10 g
OIML class	III					
Pan size	300×300 mm					
Stabilization time	3 s					
Working temperature	-10 ° ÷ +40 °C					
Storage temperature	-25 ° ÷ +70 °C					
IP rating	IP 43					
Power supply	110÷230VAC 50/60Hz / 10,5÷15VDC					
Adjustment / Calibration	external					
Display	5,7" touch screen					
Interface	2×USB, 2×RS 232, Ethernet, 4IN / 4OUT					
Net weight / Gross weight	5,2 / 6 kg					
Packaging size	570×390×170 mm					

**Technical data:**

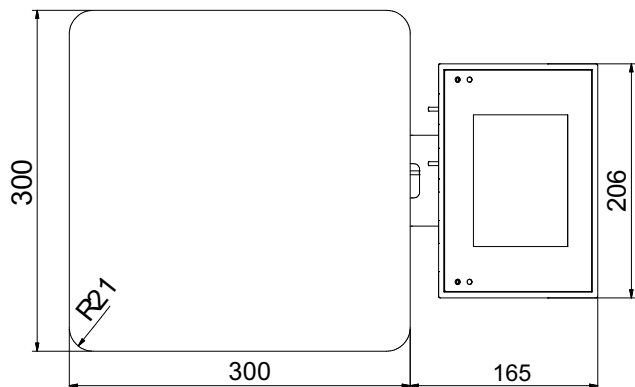
	WPY 15/30/C2/R WPY 15/30/C2/K	WPY 30/C2/R WPY 30/C2/K	WPY 30/60/C2/R WPY 30/60/C2/K	WPY 60/C2/R WPY 60/C2/K	WPY 60/150/C2/R WPY 60/150/C2/K	WPY 150/C2/R WPY 150/C2/K
Max capacity	15/30 kg	30 kg	30/60 kg	60 kg	60/150 kg	150 kg
Minimum load	100/200 g	200 g	0,2/0,4 kg	0,4 kg	0,4/1 kg	1 kg
Readability	5/10 g	10 g	10/20 g	20 g	20/50 g	50 g
Verification interval	5/10 g	10 g	10/20 g	20 g	20/50 g	50 g
Tare range	-30 kg	-30 kg	-60 kg	-60 kg	-150 kg	-150 kg
Repeatability	5/10 g	10 g	10/20 g	20 g	20/50 g	50 g
Linearity	±5/10 g	±10 g	±10/20 g	±20 g	±20/50 g	±50 g
OIML class	III					
Pan size	400×500 mm					
Stabilization time	3 s					
Working temperature	-10 ° ÷ +40 °C					
Storage temperature	-25 ° ÷ +70 °C					
IP rating	IP 43					
Power supply	110÷230VAC 50/60Hz / 10,5÷15VDC					
Adjustment / Calibration	external					
Display	5,7" touch screen					
Interface	2×USB, 2×RS 232, Ethernet, 4IN / 4OUT					
Net weight / Gross weight	15,5/17,8 kg					
Packaging size	720×580×220 mm					

**Technical data:**

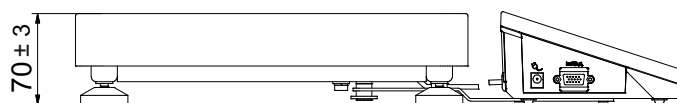
	WPY 150/300/C2/K	WPY 300/C2/K	WPY 150/C3/K	WPY 300/C3/K
Max capacity	150/300 kg	300 kg	150 kg	300 kg
Minimum load	1/2 kg	2 kg	1 kg	2 kg
Readability	50/100 g	100 g	50 g	100 g
Verification interval	50/100 g	100 g	50 g	100 g
Tare range	-300 kg	-300 kg	-150 kg	-300 kg
Repeatability	50/100 g	100 g	50 g	100 g
Linearity	±50/100 g	±100 g	±50 g	±100 g
OIML class	III		III	
Pan size	400×500 mm		500×700 mm	
Stabilization time	3 s		3 s	
Working temperature	-10 ° ÷ +40 °C		-10 ° ÷ +40 °C	
Storage temperature	-25 ° ÷ +70 °C		-25 ° ÷ +70 °C	
IP rating	IP 43		IP 43	
Power supply	110÷230VAC 50/60Hz / 10,5÷15VDC		110÷230VAC 50/60Hz / 10,5÷15VDC	
Adjustment / Calibration	external		external	
Display	5,7" touch screen		5,7" touch screen	
Interface	2×USB, 2×RS 232, Ethernet, 4IN / 4OUT		2×USB, 2×RS 232, Ethernet, 4IN / 4OUT	
Net weight / Gross weight	15,5/17,8 kg		20,5/26,8 kg	
Packaging size	720×580×220 mm		820×640×260 mm	

**IN/OUT PARAMETERS****IN 1 ÷ OUT 4****IN 1 ÷ OUT 4**

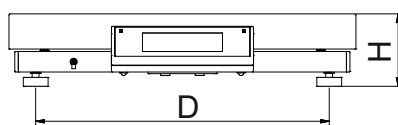
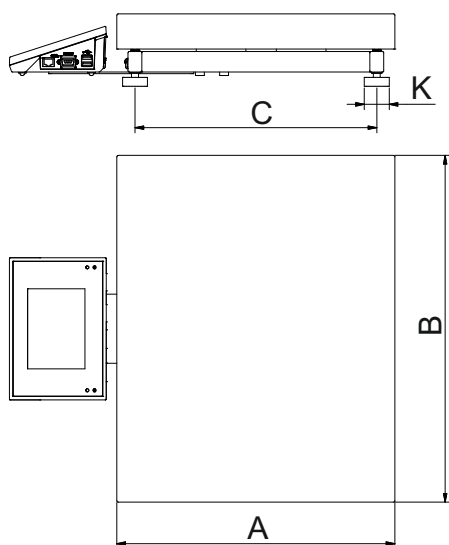
IN/ OUT type	Reed relay type NO	Opto-isolated
Wire cross-section	0,14 ÷ 0,5 mm <sup>2</sup>	
Maximum switching current	200 mA DC	
Maximum forward voltage	50 V DC	
Control voltage range	5 ÷ 24 V DC	



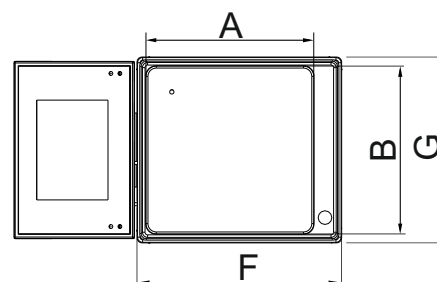
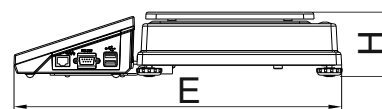
F1 version



C2, C3 version



D2 version



Name	A [mm]	B [mm]	C [mm]	D [mm]	H [mm]	E [mm]	F [mm]	G [mm]	K [mm]
WPY ... F1/K	300	300	226	256	70±3	-	-	-	Ø 36
WPY ... F1/R	300	300	226	256	70±3	-	-	-	Ø 36
WPY ... C2/K	402	502	350	425	105±5	-	-	-	Ø 36
WPY ... C2/R	402	502	350	425	105±5	-	-	-	Ø 36
WPY ... C3/K	701	501	628	428	130±5	-	-	-	Ø 50
WPY ... D2	195	195	-	-	77	381	238	216	-

### Additional equipment:

Kafka thermal printer	Tansponder card reader: CK-01
Epson dot matrix printer	Power loop output
Citizen label printer	PW-WIN computer software
Anti-dust case for Epson and Citizen printers	RAD-KEY computer software
RS232/RS485 converter KR-01	RS 232 cable: scale - computer: P0108
Anti-vibration table	RS 232 cable: scale - thermal printer: P0136
Rack for under hook weighing	RS 232 cable: scale - "Epson/Citizen" printer: P0151
PC keyboard	Power cord with jack for car lighter 12V: K0047
LCD display	USB cable: scale - "Epson/Citizen" printer: PT0087
Large LCD display (digit height 4,5")	USB adapter: PT0084
Bar code scanner	

### RADWAG Balances & Scales

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