RADWAG®

special scales

Manufacturer of Electronic Weighing Instruments

www.radwag.com

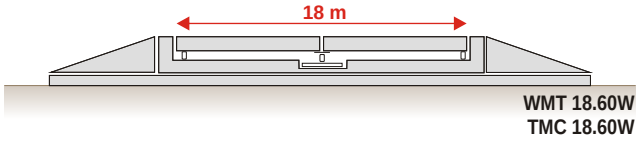
CONTENTS

STATIC CONCRETE WEIGHBRIDGES

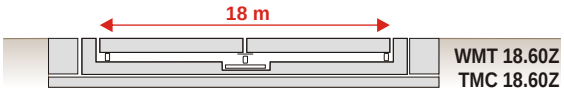
Scale in elevated version (W)

Scale in pit version (Z)

Static vehicle scales are manufactured from prefabricated concrete elements class B50. scales are manufactured in two versions: elevated and pit. In elevated version, the weighing bridge is 0,5 m above ground level, in pit version, the weighing bridge is lowered to ground level.
General characteristics:
-high accuracy of measurement;
-possibility of sending data from weighbridge to a terminal in long distance (up to 1000 m);
-high quality concrete (B50 class), resistant to weather and atmospheric factors, no preservation needed.
-1-2 days long assembling on leveled area with no need to use foundation.
We also offer system for identification of vehicles, preparation for positioning of the scale and monitoring system and wide range of additional accessories, like: large-size displays, printers, etc.



WMT 18.60W
TMC 18.60W



WMT 18.60Z
TMC 18.60Z

Vehicle scale series WMT

Scale consists of weighbridges, load cells, digital module and PC computer unit.
Printouts as documentation of performer measurements (printed on random printer) are realized from computer level only.

Vehicle scale series TMC

Scale consists of weighbridges, load cells, digital module and TMC terminal.
Printouts as documentation of performed measurements (on Kafka or Epson printer) are realized directly from TMC level. There is possibility of cooperation with computer software.

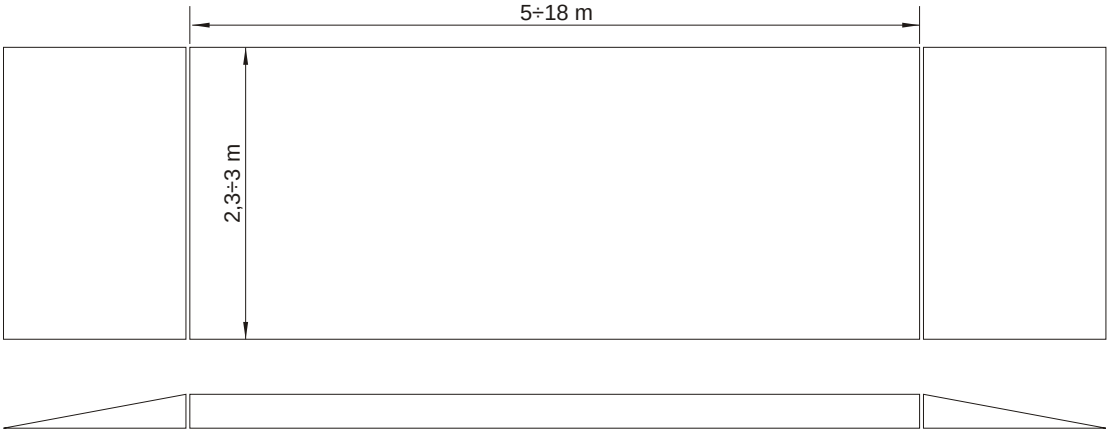
Technical data:

	WMT 18.60W TMC 18.60W	WMT 18.60Z TMC 18.60Z
Max capacity	60 t	60 t
Readability	20 kg	20 kg
Tare range	-60 t	-60 t
Weighbridge dimensions	3×18 m	3×18 m
Working temperature	-10° - +40 °C	
Interface	RS 232, RS485	
Power supply	230V AC or 120V AC	

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

STATIC STEEL WEIGHBRIDGES

Static vehicle scales are manufactured from painted and galvanized steel elements. Weighing bridge is 0,2 m above the ground level.
General characteristics:
-high accuracy of measurement;
-possibility of sending data from weighbridge to a terminal in long distance (up to 1000 m);
-1-2 days after leveling with accuracy +/- 1 cm on hardened ground (with durability 6kg/cm^2) it is possible to assemble the scale with no need to use foundation.
We also offer system for identification of vehicles, preparation for positioning of the scale and monitoring system and wide range of additional accessories, like: large-size display, printers, etc.



Vehicle scale series TMC

Scale consists of weighbridges, load cells, digital module and TMC terminal.
Printouts as documentation of performer measurements (on Kafka or Epson printer) are realized directly from TMC level. There is possibility of cooperation with computer software.

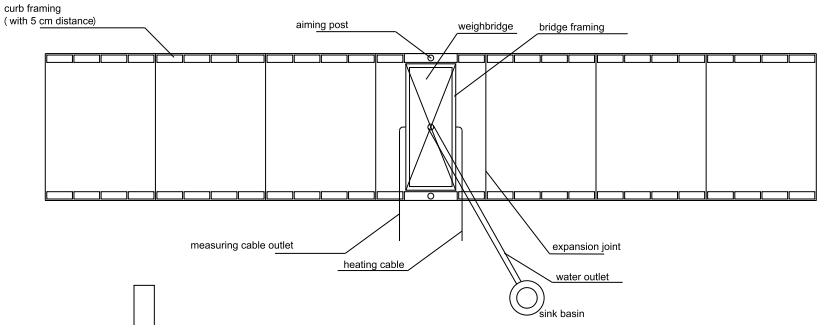
Technical data:

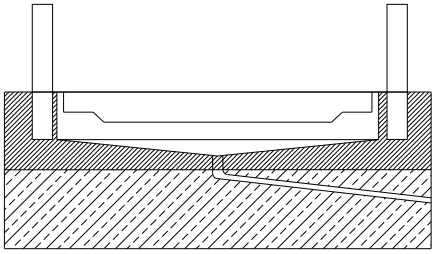
	TMC 5.12S	TMC 18.60S
Max capacity	12 t	60 t
Readability	5 kg	20 kg
Tare range	-12 t	-60 t
Weighbridge dimensions	2,3×5 m	3×18 m
Working temperature	-10° - +40 °C	
Output signal	RS 232, RS485	
Power supply	230V AC or 120V AC	

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

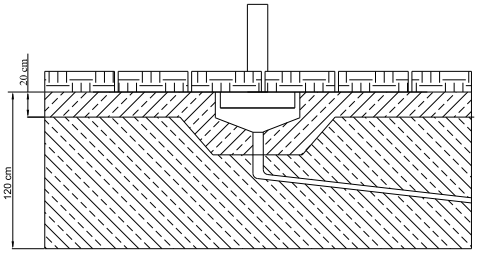
DRIVE THROUGH VEHICLE SCALES (AXLE SCALES)

Functioning of driver through vehicle scale:
A vehicle drives smoothly through the scale with Speer max 3 km/h. During this movement, each axle is precisely measured for its mass. Computer software collects the load of each axle and complete mass of whole vehicle.
Terminal of the scale is a Windows with software 'Waga Osiowa (Axle Scale)'. The terminal is connected with the scale and load cells by communicational cable.
RADWAG offer also includes:
- system for identification of vehicles;
- preparation of ground for the scale;
- monitoring system for vehicle scale.





Transverse intersection of the weighbridge (through the weighbridge)



Longitudinal intersection of the weighbridge (middle part)

Technical data:

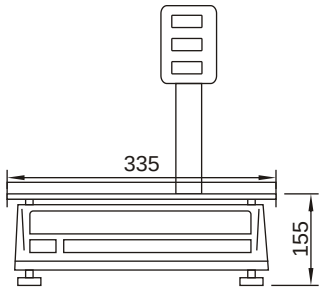
	WD 15
Max load of single axle	15 t
Readability	10 kg
Weighing bridge dimensions	0,8×3 m
Working temperature	-30° - +80 °C
Output signal	RS 232, RS485
Power supply	230V AC or 120V AC

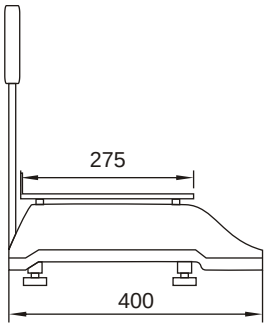
RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

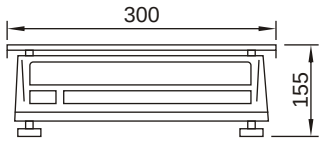
WTC/S AND WTC/SW RETAIL SCALES

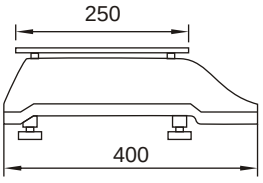
Retail scales series WTC are available with capacities 6, 15 and 30 kg wit hreadabilities 2, 5 and 10 g respectively.

They are equipped with set of three LCD backlit displays for the operator and for the customer. In case of scales version /S, the displays are placed on front and back panel of the scale's casing, and in scales /SW, they are on both sides of the pillar.









Technical data:

	WTC 6/S	WTC 15/S	WTC 30/S	WTC 6/SW	WTC 15/SW	WTC 30/SW
Max capacity	6 kg	15 kg	30 kg	6 kg	15 kg	30 kg
Readability	2 g	5 g	10 g	2 g	5 g	10 g
Tare range	-6 kg	-15 kg	-30 kg	-6 kg	-15 kg	-30 kg
Pan size	300 × 250 mm			335 × 275 mm		
Working temperature	+5° - +35° C					
Power supply	230V AC / 6V DC or 120V AC / 6V DC					
Display	LCD × 3 pcs.					

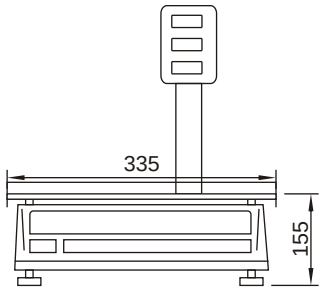
RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

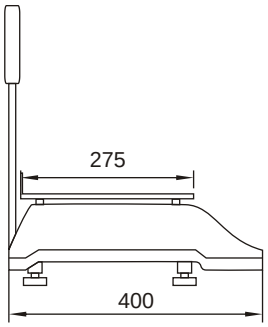
WTC/RS AND WTC/RSW RETAIL SCALES

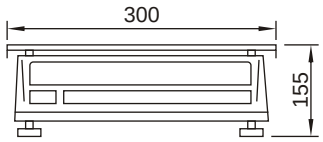
Retail scales series WTC/R are available with capacities 6, 15 and 30 kg wit hreadabilities 2, 5 and 10 g respectively.

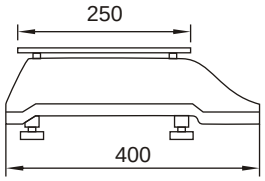
Scales for cooperation with fiscal cash register, RS 232 in standard.

They are equipped with set of three LCD backlit displays for the operator and for the customer. In case of scales version /RS, the displays are placed on front and back panel of the scale's casing, and in scales /RSW, they are on both sides of the pillar.







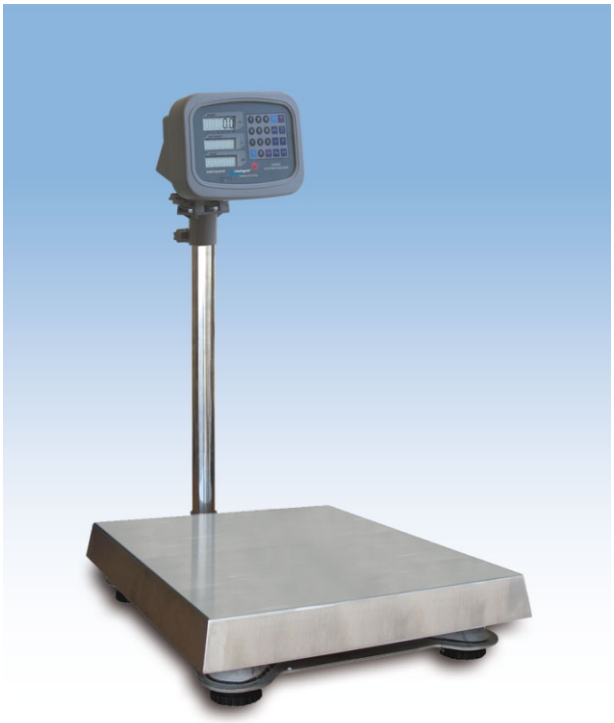


Technical data:

	WTC 6/RS	WTC 15/RS	WTC 30/RS	WTC 6/RSW	WTC 15/RSW	WTC 30/RSW
Max capacity	6 kg	15 kg	30 kg	6 kg	15 kg	30 kg
Readability	2 g	5 g	10 g	2 g	5 g	10 g
Tare range	-6 kg	-15 kg	-30 kg	-6 kg	-15 kg	-30 kg
Pan size	300 × 250 mm			335 × 275 mm		
Working temperature	+5° - +35° C					
Power supply	230V AC / 6V DC or 120V AC / 6V DC					
Display	LCD × 3 pcs.					

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

WTC COUNTING SCALES



Counting scale series WTC is designed for fast determination of quantity and mass of measured pieces. Displayed result allow for reading total mass of load as well as their quantity and mass of single piece.

Scale's construction is mild steel with stainless steel weighing platform. Measuring indicator with three backlit LCD displays is placed on a pillar.

Each display presents the following:
-mass (on weighing platform)
-mass of single unit
-quantity of pieces (on weighing platform)

Indicator function:
–full range tare all keyboard arbitrary calibration
–zero auto-tracking
–switch on zero
–fast set point calibration
–store and accumulation
–numbers of load cells that can drive
–price counting
–unit conversion
–digital filter
–charging and discharging control
–counting:
•by determination of quantity of pieces
•by specification of unit mass

Technical data:

	WTC 6 C1/LW	WTC 15 C1/LW	WTC 30 C1/LW	WTC 60 C2/LW	WTC 150 C2/LW	WTC 300 C2/LW	WTC 150 C3/LW	WTC 300 C3/LW
Max capacity	6 kg	15 kg	30 kg	60 kg	150 kg	300 kg	150 kg	300 kg
Readability	0,2 g	1 g	1 g	2 g	10 g	10 g	10 g	10 g
Tare range	-6 kg	-15 kg	-30 kg	-60 kg	-150 kg	-300 kg	-150 kg	-300 kg
Pan size	290 × 360 mm	290 × 360 mm	290 × 360 mm	400 × 500 mm	400 × 500 mm	400 × 500 mm	500 × 700 mm	500 × 700 mm
Working temperature	-10° - +40° C							
Power supply	230V AC / 9V DC or 120V AC / 9V DC							
Display	LCD × 3 pcs							

Additional equipment:

"KAFKA" THERMAL PRINTER
NEEDLE PRINTER "EPSON"

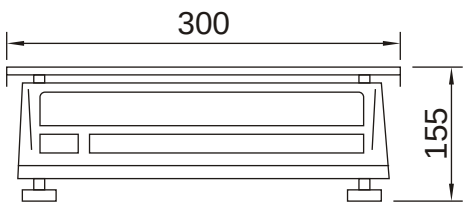
RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

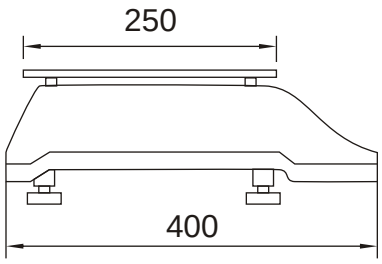
WTC COUNTING SCALES

Counting scale series WTC is designed for fast determination of quantity and mass of measured pieces. Displayed result allow for reading total mass of load as well as their quantity and mass of single piece.

Scale's construction is mild steel with stainless steel weighing platform. Measuring indicator with three backlit LCD displays is placed on a pillar.

Each display presents the following:
- mass (on weighing platform)
- mass of single unit
- quantity of pieces (on weighing platform)
- internal resolution ratio 1/500000;
- external resolution ratio 1/60000;
- various accumulating functions;
- set value and set number indication;
- sample number input by keyboard;
- two unit weight input modes;
- 17 digit 0.56-inch LCD display;
- power adapter and rechargeable storage battery;
- RS-232 interface (option).





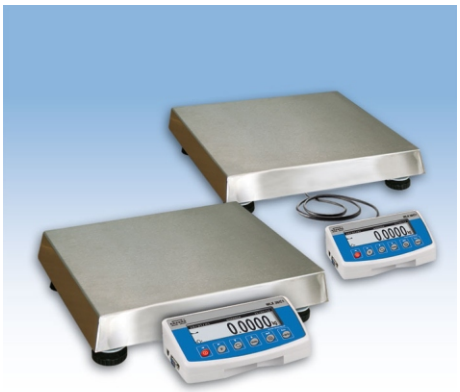
Technical data:

	WTC 3/L	WTC 6/L	WTC 15/L	WTC 30/L
Max capacity	3 kg	6 kg	15 kg	30 kg
Readability	0,1 g	0,2 g	0,5 g	1 g
Min. item mass	0,02 g*	0,04 g*	0,1 g*	0,2 g*
Tare range	-3 kg	-6 kg	-15 kg	-30 kg
Pan size	250 × 300 mm			
Working temperature	0° - +40° C			
Power supply	230V AC / 9V DC or 120V AC / 9V AC			
Display	LCD × 3 pcs			

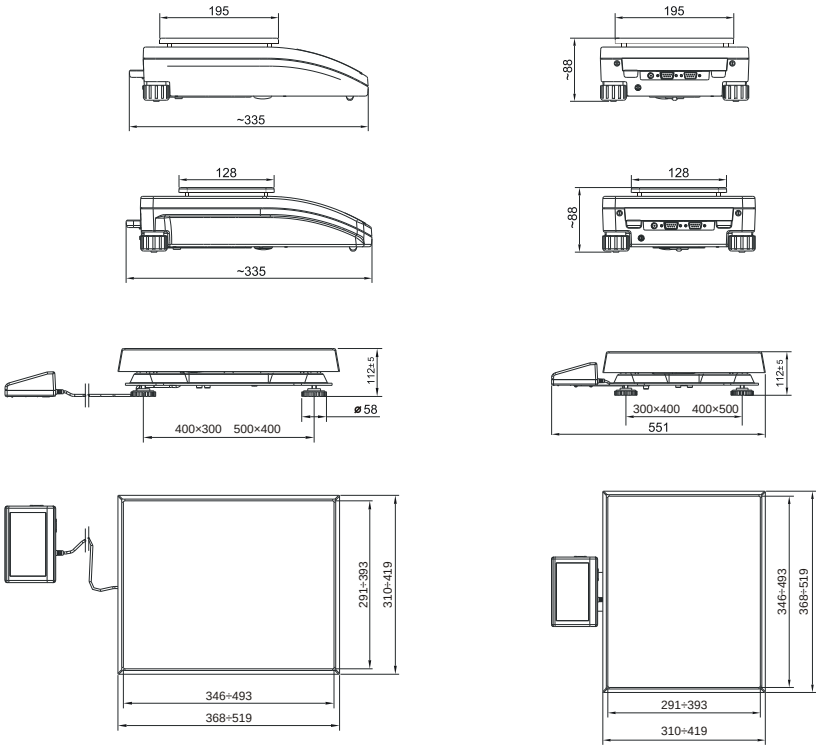
* The values indicated represent the minimum permissible item weights. In order to count with maximum possible accuracy, we recommend that the item weight is set no lower then 1d of the scale.

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

WLL COUNTING SCALES



Counting scales series WLL are accessible with capacity from 1,2 to 120 kg with readabilities 0,02 to 2 g. they are equipped with backlit graphic display, RS 232 output, RS 485 and PS/2 keyboard plug. User can also connect additional display to the scale.



Technical data:

	WLL 1,2/3/A1	WLL 3/6/A2	WLL 6/12/C1/R WLL 6/12/C1/K	WLL 12/30/C1/R WLL 12/30/C1/K	WLL 30/60/C2/R WLL 30/60/C2/K	WLL 60/120/C2/R WLL 60/120/C2/K
Max capacity	1,2/3 kg	3/6 kg	6/12 kg	12/30 kg	30/60 kg	60/120 kg
Readability	0,02/0,05 g	0,05/0,1 g	0,1/0,2 g	0,2/0,5 g	0,5/1 g	1/2 g
Min. item mass	0,002 g*	0,005 g*	0,01 g*	0,02 g*	0,05 g*	0,1 g*
Tare range	-3 kg	-6 kg	-12 kg	-30 kg	-60 kg	-120 kg
Pan size	128 × 128 mm	195 × 195 mm	290 × 360 mm		400 × 500 mm	
Working temperature	+15° - +30 °C					
Power supply	230V / 11V AC or 120V / 11V AC					
Display	graphic (backlit)					

* indicated values present minimal masses of single loads. in order to count with maximal possible accuracy, it is recommended to use single loads with mass not lower than 1d of the scale.

Additional equipment:

"KAFKA" THERMAL PRINTER	RACK FOR UNDER HOOK WEIGHING
NEEDLE PRINTER "EPSON"	LCD ADDITIONAL DISPLAY
CITIZEN LABEL PRINTER	EXTERNAL RECHARGEABLE BATTERY PACK
PC KEYBOARD PS/2	SUITCASE FOR BALANCE
FOOT BUTTON FOR TARE OR PRINT FUNCTIONS	Computer software: PW-WIN 2005, RAD-KEY 2000

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

WPW / L COUNTING SCALES

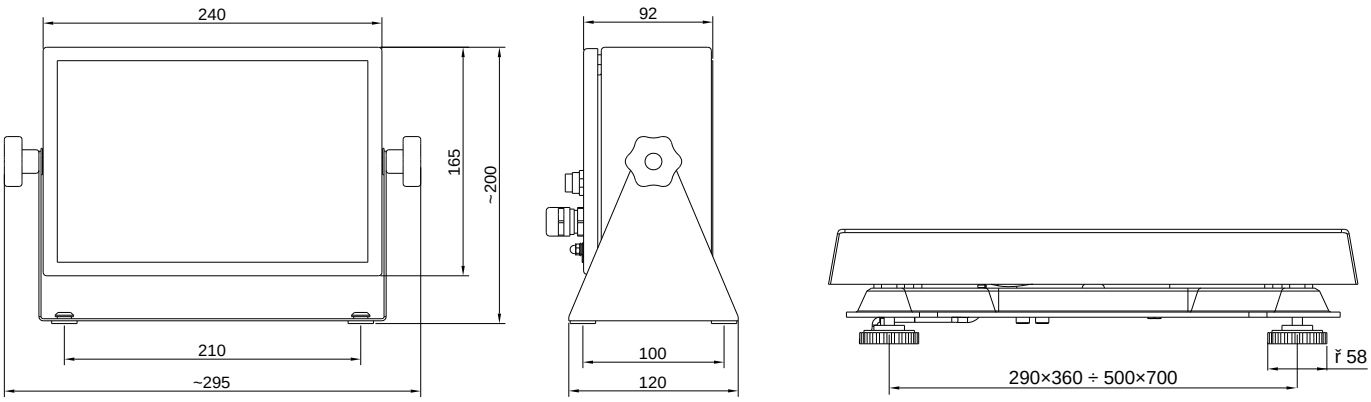
Scales for counting pieces consists of measuring indicator PUE C41H, and weighing platform.

Counting system is designer for pieces counting with the same mass and with usage of label printers enables printout of labels with information about counted goods. Possibility to work with additional weighing platform (weighing of the single item on the main scale with the highest accuracy) and effective assortment search with barcode scanner(simplifies Terminal usage)

Counting system options:
- possibility to set standard mass in three ways.
- manual by typing standard mass,
- by assigning mass for the known number of pieces,
- by accepting the standard mass from the scale's database
- automatic precision correction function
- control scale function(+/- control of the weighing result)
- access to databases of operators, assortments, contractors, universal variables, weighings, tares
- goods identification by EAN 13 and EAN 128 codes.

Measuring indicator can cooperate with Computer software "WPW EDITOR" and "LABEL EDITOR". Communication of the measuring indicator with computer by RS 232, RS 485 (from 2400 to 115200 bit/s) or ETHERNET.

- Counting pieces
- Checkweighing
- Summing function
- Filling
- Animal weighing
- Percentage
- Statistics
- Caps lock of max indication
- Measurement in Newton



Technical data:

	WPW/L 6 C1/K	WPW\L 15 C1/K	WPW/L 30 C1/K	WPW/L 60 C2/K	WPW/L 150 C2/K	WPW/L 300 C2/K	WPW/L 150 C3/K	WPW/L 300 C3/K
Max capacity	6 kg	15 kg	30 kg	60 kg	150 kg	300 kg	150 kg	300 kg
Readability	2 g	5 g	10 g	20 g	50 g	100 g	50 g	100 g
Tare range	-6 kg	-15 kg	-30 kg	-60 kg	-150 kg	-300 kg	-150 kg	-300 kg
Pan size	290×360 mm	290×360 mm	290×360 mm	400×500 mm	400×500 mm	400×500 mm	500×700 mm	500×700 mm
Working temperature	-10° - +40 °C							
Output signal	RS 232, RS 485							
IP rating	IP 67							
Power supply	230V AC or 120V AC							
Display	LCD							

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

WPW/E LABELING SCALES

Labeling systems are equipped with measuring indicator PUE C41H and weighing platform.
The labeling system is designed for labels printing, which are used for marking packed goods for example in packaging process.

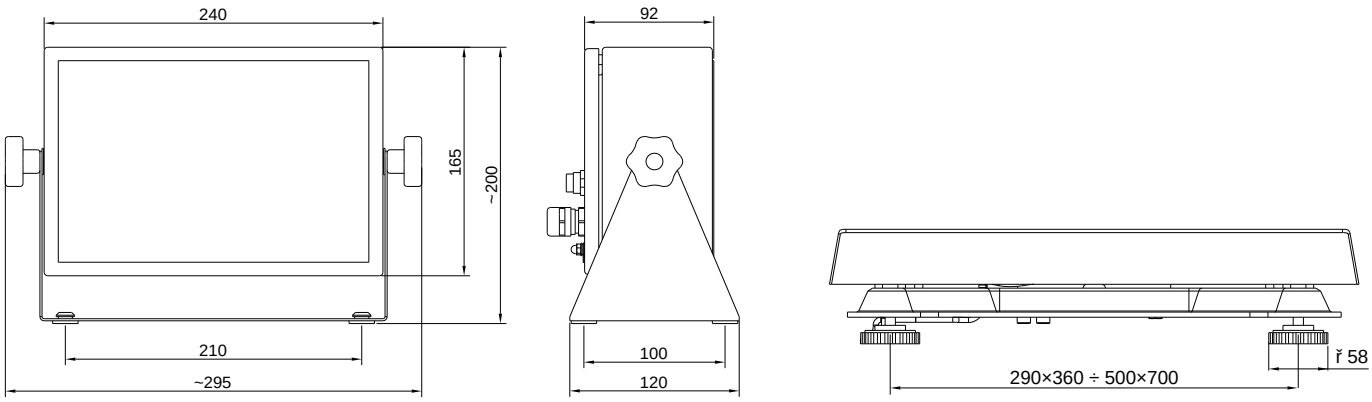
Program can generate:
-standard labels for single goods,
-collective labels for containers with single goods,
-great collective labels for containers packed with containers,

Software enables date bases management from PC level. Finding specific good in a date base with bare code scanner increases measuring indicator's functionality.

Software characteristic:
-three modes of label printing (manual, label counting state, set value of assortment- release),
-control scale function (+/- weighing control)
-EAN 13 and EAN 128 code assortment identification,
-access to date base of operators, assortments, universal variables, tares, weighings, contractors and components.

Measuring indicator can work with Software "EDYTOR WPW" and "EDYTOR ETYKIET". The communication with computer through RS 235, RS 485 (2400-115200 bit/s) or ETHERNET.

- Counting pieces
- Checkweighing
- Summing function
- Filling
- Animal weighing
- Percentage
- Statistics
- Caps lock of max indication
- Measurement in Newton

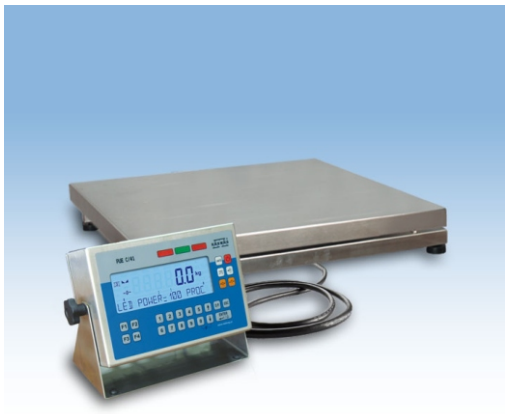


Technical data:

	WPW/E 6 C1/K	WPW\E 15 C1/K	WPW/E 30 C1/K	WPW/E 60 C2/K	WPW/E 150 C2/K	WPW/E 300 C2/K	WPW/E 150 C3/K	WPW/E 300 C3/K
Max capacity	6 kg	15 kg	30 kg	60 kg	150 kg	300 kg	150 kg	300 kg
Readability	2 g	5 g	10 g	20 g	50 g	100 g	50 g	100 g
Tare range	-6 kg	-15 kg	-30 kg	-60 kg	-150 kg	-300 kg	-150 kg	-300 kg
Pan size	290×360 mm	290×360 mm	290×360 mm	400×500 mm	400×500 mm	400×500 mm	500×700 mm	500×700 mm
Working temperature	-10° - +40 °C							
Output signal	RS 232, RS 485							
IP rating	IP 67							
Power supply	230V AC or 120V AC							
Display	LCD							

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

WPW/E/H LABELING SCALES



Labeling systems are equipped with measuring indicator PUE C41H and stainless steel weighing platform.
The labeling system is designed for labels printing, which are used for marking packed goods for example in packaging process.

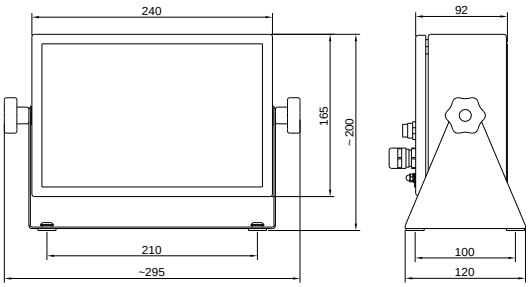
Program can generate:
-standard labels for single goods,
-collective labels for containers with single goods,
-great collective labels for containers packed with containers,

Software enables date bases management from PC level. Finding specific good in a date base with bare code scanner increases measuring indicator's functionality.

Software characteristic:
-three modes of label printing (manual, label counting state, set value of assortment- release),
-control scale function (+/- weighing control)
-EAN 13 and EAN 128 code assortment identification,
-access to date base of operators, assortments, universal variables, tares, weighings, contractors and components.

Measuring indicator can work with Software "EDYTOR WPW" and "EDYTOR ETYKIET". The communication with computer through RS 235, RS 485 (2400-115200 bit/s) or ETHERNET.

- Counting pieces
- Checkweighing
- Summing function
- Filling
- Animal weighing
- Percentage
- Statistics
- Caps lock of max indication
- Measurement in Newton



Technical data:

	WPW/E 3 H1/K	WPW/E 6 H2/K	WPW/E 15 H2/K	WPW/E 15 H3/K	WPW/E 30 H3/K	WPW/E 60 H3/K	WPW/E 150 H3/K
Max capacity	3 kg	6 kg	15 kg	15 kg	30 kg	60 kg	150 kg
Readability	1 g	2 g	5 g	5 g	10 g	20 g	50 g
Tare range	-3 kg	-6 kg	-15 kg	-15 kg	-30 kg	-60 kg	-150 kg
Pan size	150×200 mm	250×300 mm	250×300 mm	410×410 mm	410×410 mm	410×410 mm	410×410 mm
Working temperature	-10° - +40 °C						
Output signal	RS 232, RS 485						
IP rating	IP 66/67						
Power supply	230V AC or 120V AC						
Display	LCD						

Technical data:

	WPW/E 60 H4/K	WPW/E 150 H4/K	WPW/E 60 H5/K	WPW/E 150 H5/K	WPW/E 300 H5/K	WPW/E 150 H6/K	WPW/E 300 H6/K
Max capacity	60 kg	150 kg	60 kg	150 kg	300 kg	150 kg	300 kg
Readability	20 g	50 g	20 g	50 g	100 g	50 g	100 g
Tare range	-60 kg	-150 kg	-60 kg	-150 kg	-300 kg	-150 kg	-300 kg
Pan size	500×500 mm	500×500 mm	600×600 mm	600×600 mm	600×600 mm	800×800 mm	800×800 mm
Working temperature	-10° - +40 °C						
Output signal	RS 232, RS 485						
IP rating	IP 66/67						
Power supply	230V AC or 120V AC						
Display	LCD						

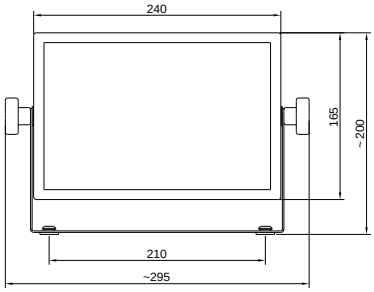
RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

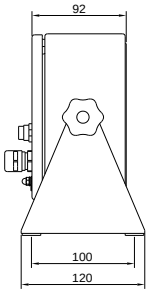
WPW/D DOSING SCALES

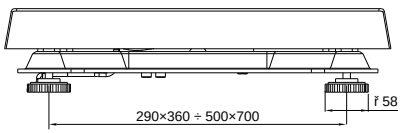
Dosing scales are equipped with measuring indicator PUE C41H and weighing platform.
Dosing system is connected with external automatic system, equipped with steering and performing devices. These devices enable automatic, semi-automatic and manual dosing of liquids and lose materials. Moreover the system enables preparation of mixtures from gathered components (dosing exits). Ingredients have assigned nominal masses, which are measured by the system during dosing process.

Dosing system options:
- possibility to rescale masses of formula ingredients (multiplayer of formula mass).
- Possibility to set particular ingredients tare mode during dosing or formula making time.
- Possibility to set the way of ingredient's mass acceptance after weighing (manual or automatic)
- Possibility to declare of cycle numbers for specific formula,
- Possibility to stop the formula or dosing process at each stage of advance
- Possibility to work with external buttons: TARA, ZERO, PRINT, START, STOP, (START/STOP) CHUTE and free configuration of inputs assigned to the button,
- Free configuration possibility of output numbers for the following functions; MIN, OK., MAX, STABIL, CHUTE P1, CHUTE P2, WORK,
- Printout from formula and dosing process
- Program is equipped with standard printout form for reports, which consists of following inforation: date and time of the report, operator's name, formula's name, formula's code, formula's mass, mode, formula's status, assortment's name, assortment's ID, assortment's mass, assortment's setting, assortment's deviation,
- Access to operator's, assortment's formula's, weighing's, universal variables, and tare databases.

- Counting pieces
- Checkweighing
- Summing function
- Filling
- Animal weighing
- Percentage
- Statistics
- Caps lock of max indication
- Measurement in Newton





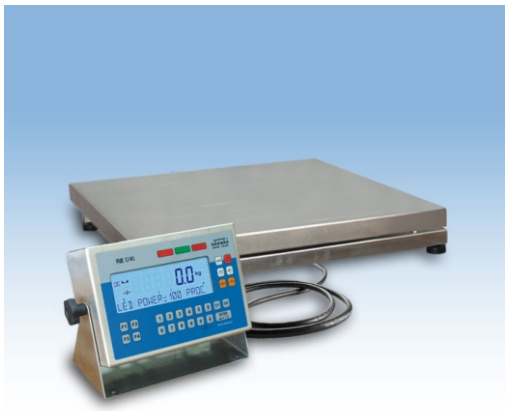


Technical data:

	WPW/D 6 C1/K	WPW/D 15 C1/K	WPW/D 30 C1/K	WPW/D 60 C2/K	WPW/D 150 C2/K	WPW/D 300 C2/K	WPW/D 150 C3/K	WPW/D 300 C3/K
Max capacity	6 kg	15 kg	30 kg	60 kg	150 kg	300 kg	150 kg	300 kg
Readability	2 g	5 g	10 g	20 g	50 g	100 g	50 g	100 g
Tare range	-6 kg	-15 kg	-30 kg	-60 kg	-150 kg	-300 kg	-150 kg	-300 kg
Pan size	290×360 mm	290×360 mm	290×360 mm	400×500 mm	400×500 mm	400×500 mm	500×700 mm	500×700 mm
Working temperature	-10° - +40 °C							
Output signal	RS 232, RS 485							
IP rating	IP 67							
Power supply	230V AC or 120V AC							
Display	LCD							

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

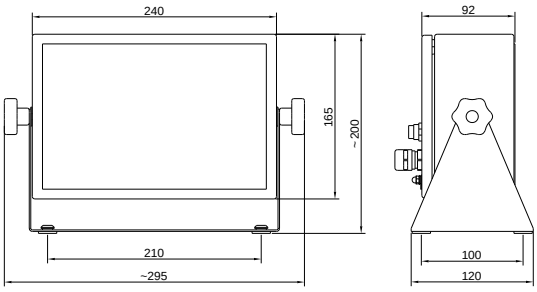
WPW/D/H DOSING SCALES



Dosing scales are equipped with measuring indicator PUE C41H and stainless steel weighing platform. Dosing system is connected with external automatic system, equipped with steering and performing devices. These devices enable automatic, semi-automatic and manual dosing of liquids and lose materials. Moreover the system enables preparation of mixtures from gathered components (dosing exits). Ingredients have assigned nominal masses, which are measured by the system during dosing process.

Dosing system options:
- possibility to rescale masses of formula ingredients (multiplayer of formula mass).
- Possibility to set particular ingredients tare mode during dosing or formula making time.
- Possibility to set the way of ingredient's mass acceptance after weighing (manual or automatic)
- Possibility to declare of cycle numbers for specific formula,
- Possibility to stop the formula or dosing process at each stage of advance
- Possibility to work with external buttons: TARA, ZERO, PRINT, START, STOP, (START/STOP) CHUTE and free configuration of inputs assigned to the button,
- Free configuration possibility of output numbers for the following functions; MIN, OK., MAX, STABIL, CHUTE P1, CHUTE P2, WORK,
- Printout from formula and dosing process
- Program is equipped with standard printout form for reports, which consists of following inforation: date and time of the report, operator's name, formula's name, formula's code, formula's mass, mode, formula's status, assortment's name, assortment's ID, assortment's mass, assortment's setting, assortment's deviation,
- Access to operator's, assortment's formula's, weighing's, universal variables, and tare databases.

Counting pieces
Checkweighing
Summing function
Filling
Animal weighing
Percentage
Statistics
Caps lock of max indication
Measurement in Newton



Technical data:

	WPW/D 3 H1/K	WPW/D 6 H2/K	WPW/D 15 H2/K	WPW/D 15 H3/K	WPW/D 30 H3/K	WPW/D 60 H3/K	WPW/D 150 H3/K
Max capacity	3 kg	6 kg	15 kg	15 kg	30 kg	60 kg	150 kg
Readability	1 g	2 g	5 g	5 g	10 g	20 g	50 g
Tare range	-3 kg	-6 kg	-15 kg	-15 kg	-30 kg	-60 kg	-150 kg
Pan size	150×200 mm	250×300 mm	250×300 mm	410×410 mm	410×410 mm	410×410 mm	410×410 mm
Working temperature	-10° - +40 °C						
Output signal	RS 232, RS 485						
IP rating	IP 66/67						
Power supply	230V AC or 120V AC						
Display	LCD						

Technical data:

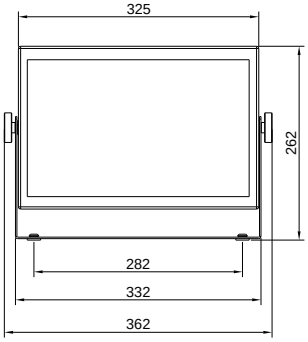
	WPW/D 60 H4/K	WPW/D 150 H4/K	WPW/D 60 H5/K	WPW/D 150 H5/K	WPW/D 300 H5/K	WPW/D 150 H6/K	WPW/D 300 H6/K
Max capacity	60 kg	150 kg	60 kg	150 kg	300 kg	150 kg	300 kg
Readability	20 g	50 g	20 g	50 g	100 g	50 g	100 g
Tare range	-60 kg	-150 kg	-60 kg	-150 kg	-300 kg	-150 kg	-300 kg
Pan size	500×500 mm	500×500 mm	600×600 mm	600×600 mm	600×600 mm	800×800 mm	800×800 mm
Working temperature	-10° - +40 °C						
Output signal	RS 232, RS 485						
IP rating	IP 66/67						
Power supply	230V AC or 120V AC						
Display	LCD						

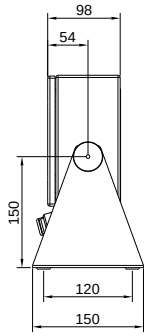
RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

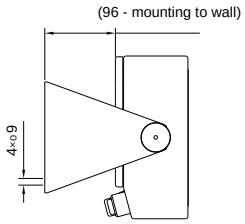
TMC/D DOSING SCALES

Dosing systems are connected with external automatic systems including devices for controling and operation. such devices allow for automatic, semi-automatic or manual dosing of materials in loose state or liquids. Dosing software allows for preparation of mixtures from intredients included in recipes (dosing outputs). ingredients have their nominal mass, which are determined by the system during dosing process. downloading the data bases from supervising computer (RS, ETHERNET), simplifies functionality of the system.

Functions of dosing system:
- accessibility to data bases of: recipes, assortments and opetators;
- reports from performed measurements (reports from recipes, assortments and measurements);
- printing 4-leveled reports from assortments;
- creation of headlines for reports from assortment and recipes;
- scaling masses included in recipe (multiplier of recipe mass);
- possibility of setting tarring mode for masses of particular ingredient during dosing porcess;
- possibility of setting means of mass confirmation after its weighing (automatic or manual confirmation);
- declaring the quantity of cycles for preparation process of a recipe;
- possibility of setting time for opening of chute for reaching minimal mass;
- possibility of aboarding dosing process at any moment;
- coperation with external buttons: TARE, ENTER, START, STOP, DEFECT and optional configuration of input numbers for particular button;
- optional configuration of output numbers for below functions: DOSING SIGNALIZATION, CHUTE;
- possibility of diagnosis on standard (basic) inputs/outputs status and on additional inputs/outputs status in attached modules IN/OUT;
- possbility of application up to 12 inputs and 36 outputs (optoinsulated).







Technical data:

	TMC/D 1,5/3/H1	TMC/D 3/6/H1	TMC/D 1,5/3/H2	TMC/D 3/6/H2	TMC/D 6/15/H2	TMC/D 15/30/H2
Max capacity	1,5/3 kg	3/6 kg	1,5/3 kg	3/6 kg	6/15 kg	15/30 kg
Minima load	10 g	20 g	10 g	20 g	40 g	100 g
Readability	0,5/1 g	1/2 g	0,5/1 g	1/2 g	2/5 g	5/10 g
Tare range	-3 kg	-6 kg	-3 kg	-6 kg	-15 kg	-30 kg
Pan size	150×200 mm	150×200 mm	250×300 mm	250×300 mm	250×300 mm	250×300 mm
Working temperature	-10° - +40° C					
Power supply	230V AC or 120V AC					
Display	LED and LCD					

Additional equipment:

BAR CODE READER	BUTTON FOR TARE OR PRINT FUNCTIONS
IDENTIFICATION SYSTEM WITH TRANSPONDER CARD READER	COMPUTER SOFTWARE: KTP-NET 2003

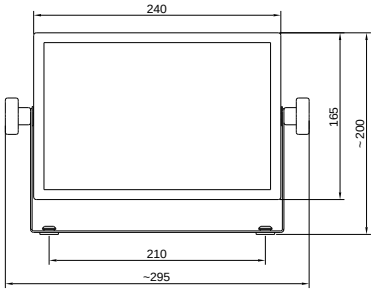
RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

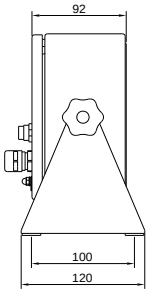
WPW/R RECIPES SCALES

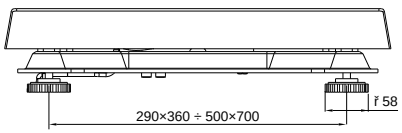
Formula scales are equipped with measuring indicator PUE C41H and weighing platform.
Formula system is connected with external automatic system, equipped with steering and performing devices. These devices enable automatic, semi-automatic and manual dosing of liquids and lose materials. Moreover the system enables preparation of mixtures from gathered components (dosing exits). Ingredients have assigned nominal masses, which are measured by the system during dosing process.

Formula system options:
- possibility to rescale masses of formula ingredients (multiplayer of formula mass).
- Possibility to set particular ingredients tare mode during dosing or formula making time.
- Possibility to set the way of ingredient's mass acceptance after weighing (manual or automatic)
- Possibility to declare of cycle numbers for specific formula,
- Possibility to stop the formula or dosing process at each stage of advance
- Possibility to work with external buttons: TARA, ZERO, PRINT, START, STOP, (START/STOP) CHUTE and free configuration of inputs assigned to the button,
- Free configuration possibility of output numbers for the following functions; MIN, OK., MAX, STABIL, CHUTE P1, CHUTE P2, WORK,
- Printout from formula and dosing process
- Program is equipped with standard printout form for reports, which consists of following inforation: date and time of the report, operator's name, formula's name, formula's code, formula's mass, mode, formula's status, assortment's name, assortment's ID, assortment's mass, assortment's setting, assortment's deviation,
- Access to operator's, assortment's formula's, weighing's, universal variables, and tare database

Counting pieces
Checkweighing
Summing function
Filling
Animal weighing
Percentage
Statistics
Caps lock of max indication
Measurement in Newton





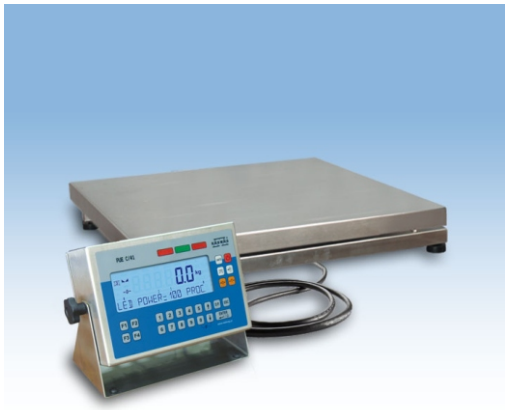


Technical data:

	WPW/R 6 C1/K	WPW/R 15 C1/K	WPW/R 30 C1/K	WPW/R 60 C2/K	WPW/R 150 C2/K	WPW/R 300 C2/K	WPW/R 150 C3/K	WPW/R 300 C3/K
Max capacity	6 kg	15 kg	30 kg	60 kg	150 kg	300 kg	150 kg	300 kg
Readability	2 g	5 g	10 g	20 g	50 g	100 g	50 g	100 g
Tare range	-6 kg	-15 kg	-30 kg	-60 kg	-150 kg	-300 kg	-150 kg	-300 kg
Pan size	290×360 mm	290×360 mm	290×360 mm	400×500 mm	400×500 mm	400×500 mm	500×700 mm	500×700 mm
Working temperature	-10° - +40 °C							
Output signal	RS 232, RS 485							
IP rating	IP 67							
Power supply	230V AC or 120V AC							
Display	LCD							

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

WPW/R/H RECIPES SCALES



Formula scales are equipped with measuring indicator PUE C41H and stainless steel weighing platform. Formula system is connected with external automatic system, equipped with steering and performing devices. These devices enable automatic, semi-automatic and manual dosing of liquids and lose materials. Moreover the system enables preparation of mixtures from gathered components (dosing exits). Ingredients have assigned nominal masses, which are measured by the system during dosing process.

Formula system options:

- possibility to rescale masses of formula ingredients (multiplayer of formula mass).
- Possibility to set particular ingredients tare mode during dosing or formula making time.
- Possibility to set the way of ingredient's mass acceptance after weighing (manual or automatic)
- Possibility to declare of cycle numbers for specific formula,
- Possibility to stop the formula or dosing process at each stage of advance
- Possibility to work with external buttons: TARA, ZERO, PRINT, START, STOP, (START/STOP) CHUTE and free configuration of inputs assigned to the button,
- Free configuration possibility of output numbers for the following functions; MIN, OK., MAX, STABIL, CHUTE P1, CHUTE P2, WORK,
- Printout from formula and dosing process
- Program is equipped with standard printout form for reports, which consists of following inforation: date and time of the report, operator's name, formula's name, formula's code, formula's mass, mode, formula's status, assortment's name, assortment's ID, assortment's mass, assortment's setting, assortment's deviation,
- Access to operator's, assortment's formula's, weighing's, universal variables, and tare databases.
- Access to operator's, assortment's formula's, weighing's, universal variables, and tare databases.

Counting pieces

Checkweighing

Summing function

Filling

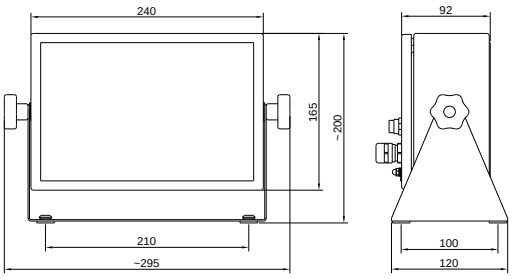
Animal weighing

Percentage

Statistics

Caps lock of max indication

Measurement in Newton



Technical data:

	WPW/R 3 H1/K	WPW/R 6 H2/K	WPW/R 15 H2/K	WPW/R 15 H3/K	WPW/R 30 H3/K	WPW/R 60 H3/K	WPW/R 150 H3/K
Max capacity	3 kg	6 kg	15 kg	15 kg	30 kg	60 kg	150 kg
Readability	1 g	2 g	5 g	5 g	10 g	20 g	50 g
Tare range	-3 kg	-6 kg	-15 kg	-15 kg	-30 kg	-60 kg	-150 kg
Pan size	150×200 mm	250×300 mm	250×300 mm	410×410 mm	410×410 mm	410×410 mm	410×410 mm
Working temperature	-10° - +40 °C						
Output signal	RS 232, RS 485						
IP rating	IP 66/67						
Power supply	230V AC or 120V AC						
Display	LCD						

Technical data:

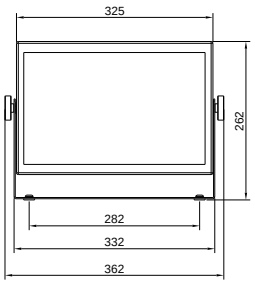
	WPW/R 60 H4/K	WPW/R 150 H4/K	WPW/R 60 H5/K	WPW/R 150 H5/K	WPW/R 300 H5/K	WPW/R 150 H6/K	WPW/R 300 H6/K
Max capacity	60 kg	150 kg	60 kg	150 kg	300 kg	150 kg	300 kg
Readability	20 g	50 g	20 g	50 g	100 g	50 g	100 g
Tare range	-60 kg	-150 kg	-60 kg	-150 kg	-300 kg	-150 kg	-300 kg
Pan size	500×500 mm	500×500 mm	600×600 mm	600×600 mm	600×600 mm	800×800 mm	800×800 mm
Working temperature	-10° - +40 °C						
Output signal	RS 232, RS 485						
IP rating	IP 66/67						
Power supply	230V AC or 120V AC						
Display	LCD						

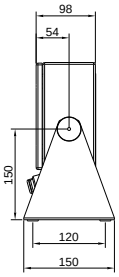
RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

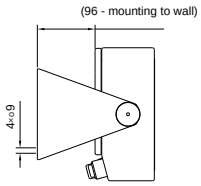
TMC/R RECIPES SCALES

Formula scales are equipped with TMC terminal and stainless steel weighing platform.
Formula system is connected with external automatic system, equipped with steering and performing devices. These devices enable automatic, semi-automatic and manual dosing of liquids and lose materials. Moreover the system enables preparation of mixtures from gathered components (dosing exits). Ingredients have assigned nominal masses, which are measured by the system during dosing process.

Formula system options:
- possibility to rescale masses of formula ingredients (multiplayer of formula mass).
- Possibility to set particular ingredients tare mode during dosing or formula making time.
- Possibility to set the way of ingredient's mass acceptance after weighing (manual or automatic)
- Possibility to declare of cycle numbers for specific formula,
- Possibility to stop the formula or dosing process at each stage of advance
- Possibility to work with external buttons: TARA, ZERO, PRINT, START, STOP, (START/STOP) CHUTE and free configuration of inputs assigned to the button,
- Free configuration possibility of output numbers for the following functions; MIN, OK., MAX, STABIL, CHUTE P1, CHUTE P2, WORK,
- Printout from formula and dosing process
- Program is equipped with standard printout form for reports, which consists of following inforation: date and time of the report, operator's name, formula's name, formula's code, formula's mass, mode, formula's status, assortment's name, assortment's ID, assortment's mass, assortment's setting, assortment's deviation,







Technical data:

	TMC/R 1,5/3/H1	TMC/R 3/6/H1	TMC/R 1,5/3/H2	TMC/R 3/6/H2	TMC/R 6/15/H2	TMC/R 15/30/H2
Max capacity	1,5/3 kg	3/6 kg	1,5/3 kg	3/6 kg	6/15 kg	15/30 kg
Minima load	10 g	20 g	10 g	20 g	40 g	100 g
Readability	0,5/1 g	1/2 g	0,5/1 g	1/2 g	2/5 g	5/10 g
Tare range	-3 kg	-6 kg	-3 kg	-6 kg	-15 kg	-30 kg
Pan size	150×200 mm	150×200 mm	250×300 mm	250×300 mm	250×300 mm	250×300 mm
Working temperature	-10° - +40° C					
Power supply	230V AC or 120V AC					
Display	LED and LCD					

Additional equipment:

BAR CODE READER	BUTTON FOR TARE OR PRINT FUNCTIONS
IDENTIFICATION SYSTEM WITH TRANSPONDER CARD READER	COMPUTER SOFTWARE: KTP-NET 2003

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

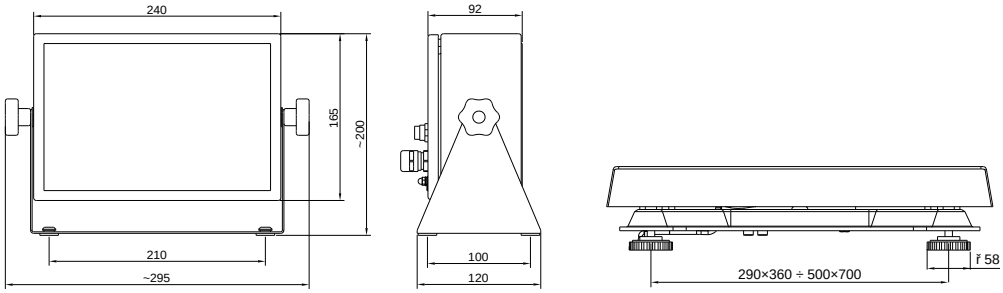
WPW / I INTERACTIVE TERMINAL

Scales series WPW/I function as Interactive Teminal mode. They are operating according to RADWAG 03 terminal. It is a standard protocol for operation of devices type Slave connected into a network with one Master device with structure order-response.

Order-response structure:
-byte of start frame - 06H for orders, 07h for responses.
-address- two bytes of address in ASCII code e.g. 01.
-order group - characteristic to all group of orders as for their function (finished with a separator), e.g. 1 means a command for interactive terminal.
-order - is target point of an order
e.g. functions on variables (finished with a separator).
-variables, also called segments, which fill in successive fields; segments are equivalents or subordinates to previous field (all finished with a separator).
-control sum (2 hexadecimal bytes) - logic sum Exclusive-OR from all of the bytes before this field.

List of basic orders :
order: 0 terminal activation
order: 1 software version
order: 2 terminal restart
order: 3 operation on variables
order: 4 LCD
order: 5 beep
order: 6 operation of weighing buttons
order: 7 platform operation
order: 8 signalization diodes operation
order: 9 IN/OUT operation
order: 10 operation of peripherals

- Counting pieces
- Checkweighing
- Summing function
- Filling
- Animal weighing
- Percentage
- Statistics
- Caps lock of max indication
- Measurement in Newton

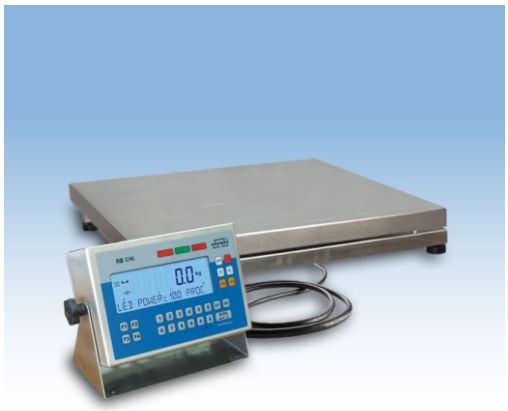


Technical data:

	WPW/I 6 C1/K	WPW/I 15 C1/K	WPW/I 30 C1/K	WPW/I 60 C2/K	WPW/I 150 C2/K	WPW/I 300 C2/K	WPW/I 150 C3/K	WPW/I 300 C3/K
Max capacity	6 kg	15 kg	30 kg	60 kg	150 kg	300 kg	150 kg	300 kg
Readability	2 g	5 g	10 g	20 g	50 g	100 g	50 g	100 g
Tare range	-6 kg	-15 kg	-30 kg	-60 kg	-150 kg	-300 kg	-150 kg	-300 kg
Pan size	290×360 mm	290×360 mm	290×360 mm	400×500 mm	400×500 mm	400×500 mm	500×700 mm	500×700 mm
Working temperature	-10° - +40 °C							
Output signal	RS 232, RS 485							
IP rating	IP 67							
Power supply	230V AC or 120V AC							
Display	LCD							

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

WPW / I / H INTERACTIVE TERMINAL

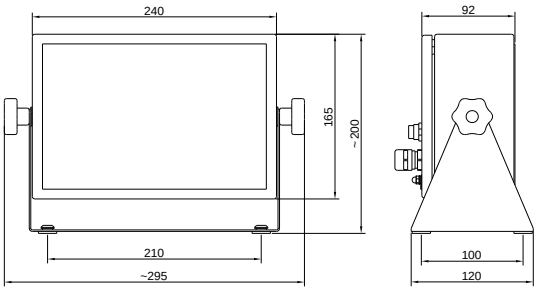


Scales series WPW/I/H function as Interactive Teminal mode. They are operating according to RADWAG 03 terminal. It is a standard protocol for operation of devices type Slave connected into a network with one Master device with structure order-response.

Order-response structure:
-byte of start frame - 06H for orders, 07h for responses.
-address- two bytes of address in ASCII code e.g. 01.
-order group - characteristic to all group of orders as for their function (finished with a separator), e.g. 1 means a command for interactive terminal.
-order - is target point of an order
e.g. functions on variables (finished with a separator).
-variables, also called segments, which fill in successive fields; segments are equivalents or subordinates to previous field (all finished with a separator).
-control sum (2 hexadecimal bytes) - logic sum Exclusive-OR from all of the bytes before this field.

List of basic orders :
order: 0 terminal activation
order: 1 software version
order: 2 terminal restart
order: 3 operation on variables
order: 4 LCD
order: 5 beep
order: 6 operation of weighing buttons
order: 7 platform operation
order: 8 signalization diodes operation
order: 9 IN/OUT operation
order: 10 operation of peripherals

Counting pieces
Checkweighing
Summing function
Filling
Animal weighing
Percentage
Statistics
Caps lock of max indication
Measurement in Newton



Technical data:

	WPW/I 3 H1/K	WPW/I 6 H2/K	WPW/I 15 H2/K	WPW/I 15 H3/K	WPW/I 30 H3/K	WPW/I 60 H3/K	WPW/I 150 H3/K
Max capacity	3 kg	6 kg	15 kg	15 kg	30 kg	60 kg	150 kg
Readability	1 g	2 g	5 g	5 g	10 g	20 g	50 g
Tare range	-3 kg	-6 kg	-15 kg	-15 kg	-30 kg	-60 kg	-150 kg
Pan size	150×200 mm	250×300 mm	250×300 mm	410×410 mm	410×410 mm	410×410 mm	410×410 mm
Working temperature	-10° - +40 °C						
Output signal	RS 232, RS 485						
IP rating	IP 66/67						
Power supply	230V AC or 120V AC						
Display	LCD						

Technical data:

	WPW/I 60 H4/K	WPW/I 150 H4/K	WPW/I 60 H5/K	WPW/I 150 H5/K	WPW/I 300 H5/K	WPW/I 150 H6/K	WPW/I 300 H6/K
Max capacity	60 kg	150 kg	60 kg	150 kg	300 kg	150 kg	300 kg
Readability	20 g	50 g	20 g	50 g	100 g	50 g	100 g
Tare range	-60 kg	-150 kg	-60 kg	-150 kg	-300 kg	-150 kg	-300 kg
Pan size	500×500 mm	500×500 mm	600×600 mm	600×600 mm	600×600 mm	800×800 mm	800×800 mm
Working temperature	-10° - +40 °C						
Output signal	RS 232, RS 485						
IP rating	IP 66/67						
Power supply	230V AC or 120V AC						
Display	LCD						

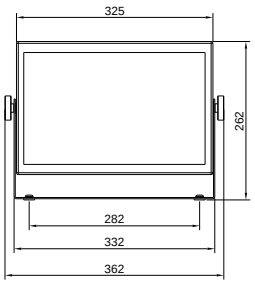
RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

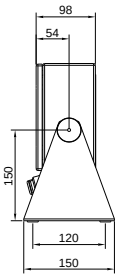
TMC/I INTERACTIVE TERMINAL

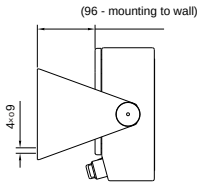
Scales series TMC/I function as Interactive Teminal mode. They are operating according to RADWAG 03 terminal. It is a standard protocol for operation of devices type Slave connected into a network with one Master device with structure order-response.

Order-response structure:
-byte of start frame - 06H for orders, 07h for responses.
-address- two bytes of address in ASCII code e.g. 01.
-order group - characteristic to all group of orders as for their function (finished with a separator), e.g. 1 means a command for interactive terminal.
-order - is target point of an order
e.g. functions on variables (finished with a separator).
-variables, also called segments, which fill in successive fields; segments are equivalents or subordinates to previous field (all finished with a separator).
-control sum (2 hexadecimal bytes) - logic sum Exclusive-OR from all of the bytes before this field.

List of basic orders :
order: 0 terminal activation
order: 1 software version
order: 2 terminal restart
order: 3 operation on variables
order: 4 LCD
order: 5 beep
order: 6 operation of weighing buttons
order: 7 platform operation
order: 8 signalization diodes operation
order: 9 IN/OUT operation
order: 10 operation of peripherals







Technical data:

	TMC/I 1,5/3/H1	TMC/I 3/6/H1	TMC/I 1,5/3/H2	TMC/I 3/6/H2	TMC/I 6/15/H2	TMC/I 15/30/H2
Max capacity	1,5/3 kg	3/6 kg	1,5/3 kg	3/6 kg	6/15 kg	15/30 kg
Minima load	10 g	20 g	10 g	20 g	40 g	100 g
Readability	0,5/1 g	1/2 g	0,5/1 g	1/2 g	2/5 g	5/10 g
Tare range	-3 kg	-6 kg	-3 kg	-6 kg	-15 kg	-30 kg
Pan size	150×200 mm	150×200 mm	250×300 mm	250×300 mm	250×300 mm	250×300 mm
Working temperature	-10° - +40° C					
Power supply	230V AC or 120V AC					
Display	LED and LCD					

Additional equipment:

BAR CODE READER	BUTTON FOR TARE OR PRINT FUNCTIONS
IDENTIFICATION SYSTEM WITH TRANSPONDER CARD READER	COMPUTER SOFTWARE: KTP-NET 2003

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

DYNAMIC CHECKWEIGHERS DWT / HL / HP

ISO 9001 OIML CE M 07 1383

Automatic checkweighers series DWT/HL/HP are dedicated mainly for systems of Control of Packaged Goods. They are manufactured in stainless steel technology, and used in food industry.

Control set is based on an industrial computer and Windows system. Big dimension touch screen guarantees easy and simple operation. Scale is equipped with numerous additional functions, which allows for cooperation with other devices and data base systems.

Scale have EC type approval, and are offered as EC verified.

Technical data:

	DWT/HL 600 HP	DWT/HL 1500 HP	DWT/HL 3000 HP	DWT/HL 6000 HP	DWT/HL 7500 HP
Max capacity	600 g	1500 g	3000 g	6000 g	7500 g
Readability	0,2 g	0,5 g	1 g	2 g	5 g
Tare range	-600 g	-1500 g	-3000 g	-6000 g	-7500 g
Working temperature	0° - +40 °C				
Power supply	230V AC or 120V AC				
IP rating	IP 55				
Display	graphic with touch screen				

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

DYNAMIC CHECKWEIGHERS DWT / HL / H

ISO 9001 OIML CE M 07 1383

Automatic checkweighers series DWT/HL/H are dedicated mainly for systems of Control of Packaged Goods. They are designed for load with maximal capacity 7,5 kg. they are applied by food, cosmetics and chemical industry.

Stainess steel constuction, control set is based on TMC weighing terminal equippedwith alphanumeric keyboard, separate display for mass and 4 line text display for communication between the weighing instrument and operator. Scale is equipped with numerous additional functions, which allows for cooperation with other devices and data base systems.

Scale have EC type approval, and are offered as EC verified

Technical data:

	DWT/HL 600 H	DWT/HL 1500 H	DWT/HL 3000 H	DWT/HL 6000 H	DWT/HL 7500 H
Max capacity	600 g	1500 g	3000 g	6000 g	7500 g
Readability	0,2 g	0,5 g	1 g	2 g	5 g
Tare range	-600 g	-1500 g	-3000 g	-6000 g	-7500 g
Working temperature	-10° - +40 °C				
Power supply	230V AC or 120V AC				
IP rating	IP 55				
Display	LED and LCD				

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

DYNAMIC CHECKWEIGHERS DWT / HC

Scales designed for mass control of loads with capacity up to 600 kg. they are manufactured in two options: as mild steel and stainless steel construction.

Compact scale with easy access to cleaning is very good for application in food, alcoholic industry and transportation systems. Scale is able to cooperate either with automatic systems or computer network.

Scale have EC type approval, and are offered as EC verified.

Technical data:

	DWT/HC/10S DWT/HC/10H	DWT/HC/15S DWT/HC/15H	DWT/HC/30S DWT/HC/30H	DWT/HC/150S DWT/HC/150H	DWT/HC/600S DWT/HC/600H
Max capacity	10 kg	15 kg	30 kg	150 kg	600 kg
Readability	5 g	5 g	10 g	50 g	200 g
Tare range	-10 kg	-15 kg	-30 kg	-150 kg	-600 kg
Working temperature	-10° - +40 °C				
Power supply	230V AC or 120V AC				
IP rating	IP 67/68 (H version) IP 64 (S version)				
Display	LED and LCD				

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

DYNAMIC CHECKWEIGHERS DWT / HC / HF

M 07 1383

Automatic checkweighers series DWT/HC/HF are dedicated to work on production lines of food industry, where high humidity and frequent high-pressure cleaning are the major issues. The construction has been designed to enable fast and easy cleaning. Special emphasis has been put on elimination of gaps, spaces and flat surfaces susceptible to condensates and waterstains. The structure of the conveyor belt allows washing it inside and outside without dissembling. The electronics has been placed high above the weighing platform which minimizes the possibility of inundation of the control panel. Our checkweigher was created in accordance with vertical space division. “Clean zone” covers the range from the floor to the level of the conveyor belt (the area where food and production waste accumulates). “Technological zone” is placed above the production line.

The control mechanism is based on TMC weighing head, facilitating easy communication between the operator and the machine and providing additional features.

Standard functions:

- Data base of operators and range of products
- R232/485 and Ethernet interfaces
- I/O control
- Current weighing statistics
- Automatic printouts
- Reports
- Cooperation with computer software

Additional functions:

- Faulty goods discriminator
- Bar code reader
- This type of checkweighers can be equipped with standard ink printers and labeling printers allowing to print the tags of the weighed products
- Acoustic/optical signaling of weighing ranges
- Cooperation with feeders, mounted to the front side, in a feedback system

Technical data:

	DWT/HC/10/HF	DWT/HC/15/HF	DWT/HC/30/HF	DWT/HC/60/HF	DWT/HC/120/HF	DWT/HC/150/HF
Max capacity	10 kg	15 kg	30 kg	60 kg	120 kg	150 kg
Readability	5 g	5 g	10 g	20 g	50 g	50 g
Tare range	-10 kg	-15 kg	-30 kg	-60 kg	-120 kg	-150 kg
Working temperature	-10° - +40 °C					
Power supply	230V AC					
IP rating	IP 66/67					
Display	LED and LCD					
Conveyor belt	0,1 - 0,5 m /s					
Height of weighing platform	550÷800 mm lub 800 +/- 50 mm (other levels of platform on client requirement)					

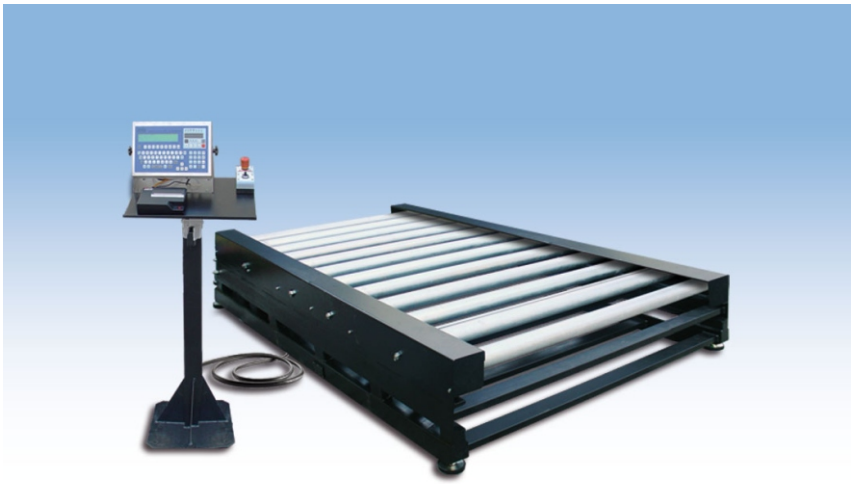
Table of transporter dimensions:

lenght / width	500	600	700	800	900	1000
350	×					
400		×	×	×		
450			×	×	×	
500				×	×	×
600					×	×
650					×	×

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

DYNAMIC CHECKWEIGHERS DWT / HC / SR

M 07 1383



Automatic checkweighers series DWT/HC/SR with driven roller conveyor are designed for mass determination of heavy loads (for instance pallets or big cartons).

Determination of mass can be done dynamically while continuous moving the load through the conveyor, or statically. Such scales are used of metal and forwarding industry.

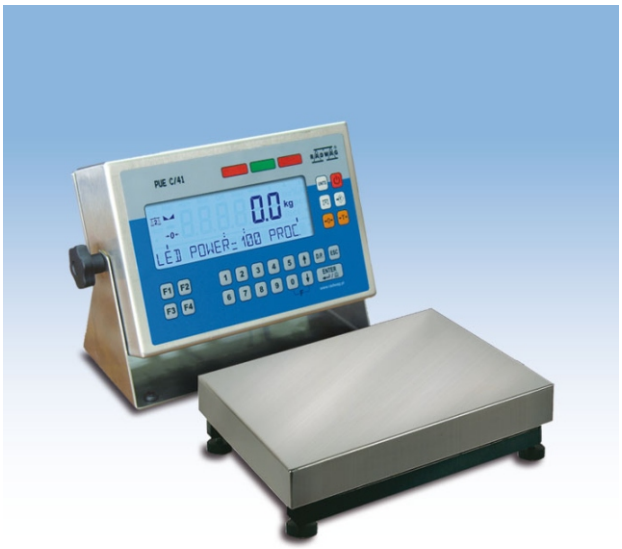
Scale have EC type approval, and are offered as EC verified.

Technical data:

	DWT/HC/300/SR DWT/HC/300/HR	DWT/HC/600/SR DWT/HC/600/HR	DWT/HC/1500/SR DWT/HC/1500/HR	DWT/HC/3000/SR DWT/HC/3000/HR	DWT/HC/6000/SR DWT/HC/6000/HR
Max capacity	300 kg	600 kg	1500 kg	3000 kg	6000 kg
Readability	100 g	200 g	500 g	1000 g	2000 g
Tare range	-300 kg	-600 kg	-1500 kg	-3000 kg	-6000 kg
Working temperature	-10° - +40 °C				
Power supply	230V AC or 120V AC				
IP rating	IP 66/67 (H version) IP 54 (S version)				
Display	LED and LCD				

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

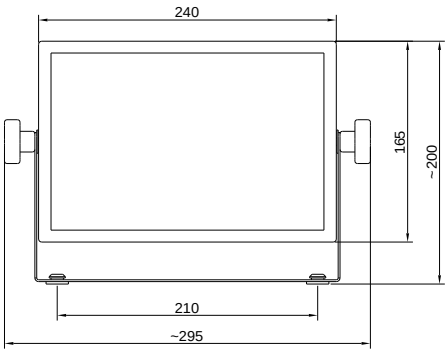
SCALES FOR + / - CONTROL

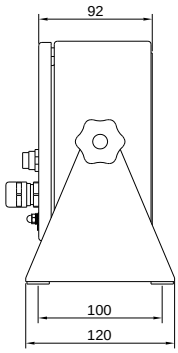


Scale designed for fast and precise control of small loads. Also applicable as a single control stand installed in production line. This scale is wholly manufactured in stainless steel technology, measuring indicator is equipped with big, readable and backlit LCD display.

Tare of the load can be inserted either through weighing of load or through typing in from the scale keyboard. Stable measurement result is obtained very quickly, i.e. (0,3-0,5 sec.) depending on mass of measured load. Scale is equipped with three diodes indicating the set thresholds of weighing process. Switching on of one of the diodes indicates in which weighing range the load is placed.

Scales for +/- control can operate as multi stand systems.



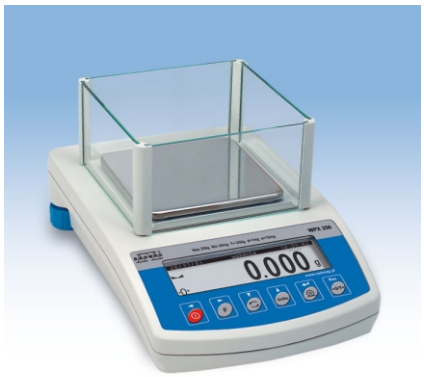


Technical data:

	WPW/T 1,5/H1	WPW/T 3/H1	WPW/T 6/H2	WPW/T 15/H2	WPW/T 15/H3	WPW/T 30/H3	WPW/T 60/H3
Max capacity	1,5 kg	3 kg	6 kg	15 kg	15kg	30 kg	60 kg
Readability	0,5 g	1 g	2 g	5 g	5 g	10 g	20 g
Tare range	-1,5 kg	-3 kg	-6 kg	-15 kg	-15 kg	-30 kg	-60 kg
Pan size	150×200 mm	150×200 mm	250×300 mm	250×300 mm	410×410 mm	410×410 mm	410×410 mm
Working temperature	-10° - +40 °C						
Output signal	RS 232, RS 485						
IP rating	IP 66/67						
Power supply	230V AC or 120V AC						
Display	LCD						

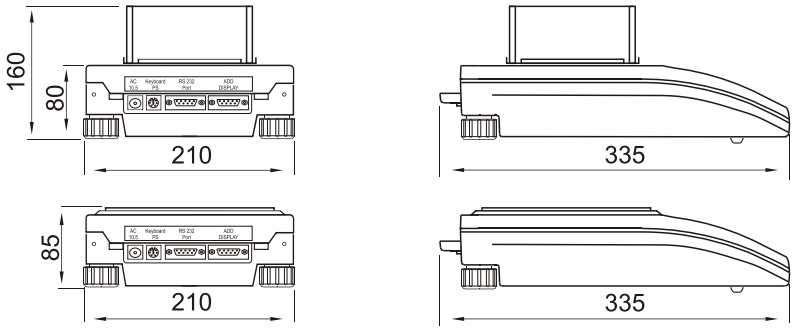
RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

WPX SCALES FOR CONTROL OF PACKAGED GOODS



WPX balances have implemented module for control of packaged goods, supported by a data base with list of operators and goods. An effect of a control is a final report printed on a Kafka printer connected to weighing set.
The cycle of control runs with the following schema:
- choice of material
- choice of operator
- start of control
- collecting measurements
- automatic finish of control after taking set quantity of measurements
- print of report from the control.

Dual range WPX balances are equipped with graphic display, which indicates current stage of running control and its result. Each performed control is finished with a report which can be printed on a Kafka printer or saved in internal memory of the balance. WPX balance additionally, allows for sending the memory content to a computer in random moment of operation. The balance can be operated also by PS/2 keyboard connected to a port of balance.
Scales have possibility of weighing loads under the weighing pan, i.e. under-hook weighing. In such case the mass of load is measured under the pan. It is an alternative for loads with non-standard dimensions, shapes and loads which create magnetic field. Under-hook weighing is also applied for density determination of materials.



Technical data:

	WPX 650 KTP	WPX 4500 KTP
Max capacity	650 g	4500 g
Minima load	0,02 g	0,5 g
Readability	0,01 g	0,1 g
Tare range	-650 g	-4500 g195×195 mmm
Pan size	128×128 mm	
Working temperature	+15° - +30 °C	
Power supply	230V / 11V AC or 120V / 11V AC	
Display	graphic (backlit)	

Additional equipment:

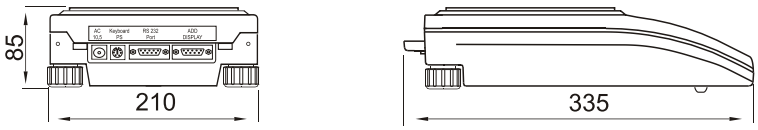
"KAFKA" THERMAL PRINTER	FOOT BUTTON FOR TARE AND PRINT FUNCTIONS
NEEDLE PRINTER "EPSON"	COMPUTER SOFTWARE: KTP-NET 2003
PC KEYBOARD PS/2	EXTERNAL RECHARGEABLE BATTERY PACK

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

WTX SCALES FOR CONTROL OF PACKAGED GOODS

WTX balances have implemented module for control of packaged goods, supported by a data base with list of operators and goods. An effect of a control is a final report printed on a Kafka printer connected to weighing set.
The cycle of control runs with the following schema:
- choice of material
- choice of operator
- start of control
- collecting measurements
- automatic finish of control after taking set quantity of measurements
- print of report from the control.

Dual range WTX balances are equipped with graphic display, which indicates current stage of running control and its result. Each performed control is finished with a report which can be printed on a Kafka printer or saved in internal memory of the balance. WTX balance additionally, allows for sending the memory content to a computer in random moment of operation. The balance can be operated also by PS/2 keyboard connected to a port of balance.
Scales have possibility of weighing loads under the weighing pan, i.e. under-hook weighing. In such case the mass of load is measured under the pan. It is an alternative for loads with non-standard dimensions, shapes and loads which create magnetic field. Under-hook weighing is also applied for density determination of materials.



Technical data:

	WTX 0,6/1,5/KTP	WTX 1,5/3/KTP	WTX 3/6/KTP
Max capacity	0,6/1,5 kg	1,5/3 kg	3/6 kg
Minima load	2 g	10 g	20 g
Readability	0,2/0,5 g	0,5/1 g	1/2 g
Tare range	-1,5 kg	-3 kg	-6 kg
Pan size	195×195 mm		
Working temperature	+15° - +30 °C		
Power supply	230V / 11V AC		
Display	graphic (backlit)		

Additional equipment:

"KAFKA" THERMAL PRINTER	FOOT BUTTON FOR TARE AND PRINT FUNCTIONS
NEEDLE PRINTER "EPSON"	COMPUTER SOFTWARE: KTP-NET 2003
PC KEYBOARD PS/2	EXTERNAL RECHARGEABLE BATTERY PACK

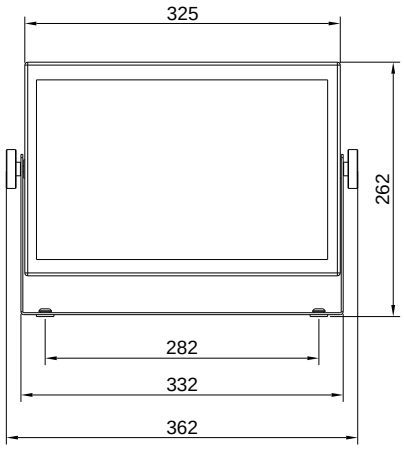
RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

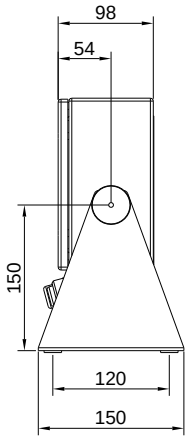
TMC SCALES FOR CONTROL OF PACKAGED GOODS

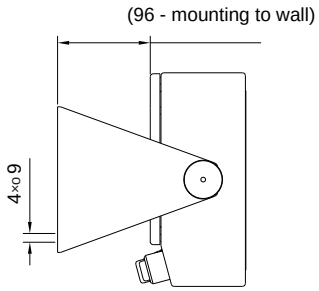
Multistand weighing system in cooperation with computer software. It consists of optional quantity of scales connected in network (RS 485 or Ethernet) and a server with computer software Control of Packaged Goods.

Each scale is an independent weighing unit and data on control are sent to computer software in present time.

Multistand control is continuously controlled on information content at scale and PC. All communicates on the control process are shown on the scale's display. Reports from performed controls are stored in the data base of the software with possibility of automatic printout.







Technical data:

	TMC 1,5/3 KTP/H1	TMC 3/6 KTP/H1	TMC 1,5/3 KTP/H2	TMC 3/6 KTP/H2	TMC 6/15 KTP/H2	TMC 15/30 KTP/H2
Max capacity	1,5/3 kg	3/6 kg	1,5/3 kg	3/6 kg	6/15 kg	15/30 kg
Minima load	10 g	20 g	10 g	20 g	40 g	100 g
Readability	0,5/1 g	1/2 g	0,5/1 g	1/2 g	2/5 g	5/10 g
Tare range	-3 kg	-6 kg	-3 kg	-6 kg	-15 kg	-30 kg
Pan size	150×200 mm	150×200 mm	250×300 mm	250×300 mm	250×300 mm	250×300 mm
Working temperature	-10° - +40° C					
Power supply	230V AC or 120V AC					
Display	LED and LCD					

Additional equipment:

BAR CODE READER	BUTTON FOR TARE OR PRINT FUNCTIONS
IDENTIFICATION SYSTEM WITH TRANSPONDER CARD READER	COMPUTER SOFTWARE: KTP-NET 2003

RADWAG
26-600 Radom Bracka Street 28 POLAND Phone: +48 48 3848800 Fax: +48 48 3850010 www.radwag.com e-mail:export@radwag.com

RADWAG company, the manufacturer of Electronic Weighing Instruments is the biggest producer of balances and scales in Poland. Our range of products covers: modern laboratory balances, industrial and medical scales, weighbridges and checkweighers.

RADWAG has introduced and documented quality system ISO 9001:2000 and it is the only manufacturer of weighing instruments in Poland, which is authorized to issue "EC Declaration of Conformity" confirming the verification of its products.

RADWAG manufactures weighing equipment from the most precise balances (d=1 μg, Max: 21g) to high capacity scales, like weighbridges (Max: 60000 kg, d=20kg). Our offer includes also scales for meat and fish industry, complex weighing systems like dosing of labelling systems and multi stand weighing systems.

RADWAG has extended sales net created by our sales offices in Poland, and numerous authorized distributors all over the world. RADWAG exports its goods to all countries of European Union, and also to USA, Africa and to Far East.

TÜV CERT Certificate No. 71 100 C 206 DIN EN ISO 9001:2000

RADWAG Manufacturer of Electronic Weighing Instruments
26-600 Radom, Bracka 28 Street, Poland
Phone: +48 48 3848800, Fax: +48 48 3850010
e-mail: export@radwag.com, http://www.radwag.com