User manual

ITKU-133-03-04-23-EN

Weighing terminal

PUE CY10

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APRIL 2023

SAFETY MEASURES AND PRECAUTIONS

Before you start installing, using or maintaining the device, you are required to get familiar with this operating manual and follow its guidelines.

	Before use, please read this Operating Manual carefully and use the device as per its intended use.
	Secure the device against excessive temperature fluctuations, solar radiation and UV radiation, substances that cause chemical reactions.
	The device must not be used in explosive atmospheres (gas or dust).
	Do not use sharp tools (e.g. knife, screwdriver, etc.) to use the touch panel.
	In case of failures, unplug the device immediately.
	The device that is to be withdrawn from service must be disposed of in accordance with applicable rules of law.
	In case you store the device for a long time at low temperatures, do not let the storage battery get discharged.
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1. INTENDED USE

The PUE CY10 weighing indicator is intended to construct industrial and laboratory scales on the basis of load cells. It is equipped with an ABS and aluminum housing and a 10” high-resolution color display.

In the standard variant, the weighing indicator is supplied with 2 USB type-A connectors, a USB type-C connector, Ethernet, wireless connection, Hotspot, 2 proximity sensors, RFID sensor, HDMI port, loudspeakers, camera and microphone. The device cooperates with receipt and label printers, barcode scanners and PC equipment (mouse, keyboard, USB flash memory).

2. GUARANTEE TERMS

A. RADWAG undertakes to repair or replace the elements that prove defective in terms of manufacture or structure.
B. It is allowed to specify defects of unclear origin and establish methods of eliminating them only in cooperation with representatives of the manufacturer and user.
C. RADWAG shall not be held responsible for defects or losses deriving from unauthorized or improper production or servicing.
D. The guarantee does not cover the following:
   - mechanical damage arising from wrong use of the scale, and thermal, chemical damage, or damage caused by atmospheric discharge, overvoltage in the power system or other random event,
   - maintenance works (cleaning).
E. The guarantee cover becomes invalid when:
   - the repair is conducted out of the authorized service center,
   - the service technician detects unauthorized intervention in the mechanical or electronic structure of the scale,
   - other version of the operating system is installed,
   - the scale does not hold any company protective marks.
F. The rights on accounts of the guarantee for storage batteries supplied with devices cover a period of 12 months.
G. Detailed terms of the guarantee can be found in the service log.
H. The contact phone number for the authorized service center: +48 (48) 386 63 30.

3. CLEANING

To clean the device safely, unplug it in the first place. Next disassemble the weighing pan and other moving elements of the scale.

	***If you clean the weighing pan while it is installed, you can damage the scale.***

3.1.Cleaning ABS Elements

Dry surfaces are cleaned with clean cellulose or cotton cloths that do not leave streaks or colors. It is also allowed to use water solution and cleaning agent (soap, dishwashing liquid, window cleaner). While cleaning surfaces, it is necessary to regularly press the cloth against the surface,. The surface must be wiped and then dried. Cleaning can be repeated if necessary.

In case of stubborn dirt, such as glue, gum, tar, polyurethane foam, etc., you can usE special cleaning agents based on aliphatic hydrocarbons. Before using the cleaning agent, it is advisable to conduct usability tests for all surfaces. Do not use abrasive agents.

3.2.Cleaning Stainless Steel Elements

While cleaning stainless steel, it is essential that you avoid cleaning agents based on caustic chemicals, e.g. bleaches (chlorine-rich products). It is forbidden to use abrasive preparations. Always remove dirt with a microfiber cloth so that protective coatings of the elements cannot be damaged.

In case of daily care and stain removal, follow the steps below:

1. Remove dirt with a cloth immersed in warm water.
2. For the best results, you can add a drop of dishwashing liquid.

3.3.Cleaning Powder-coated Elements

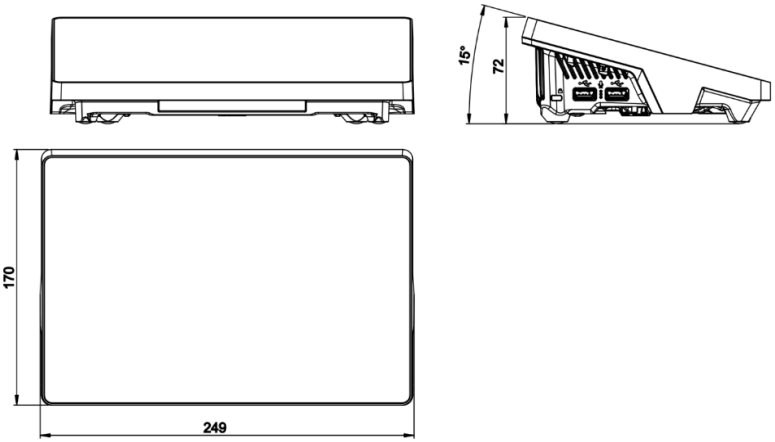
The first step is to pre-clean elements under running water or with a large-pore sponge and large amount of water in order to eliminate loose or stubborn dirt. It is forbidden to use abrasive agents. Next, using a suitable cloth and water solution and cleaning agent (soap, dishwashing liquid), apply a regular pressure of the cloth against the surface while cleaning.
Never dry-clean with a very detergent as it may damage the coating. It is advisable to use a large amount of water or water solution with a cleaning agent.

3.4.Cleaning Aluminum Elements

For cleaning aluminum, use products based on natural acids. The following products will be perfect: synthetic vinegar, lemon. It is forbidden to use abrasive agents. Do not use coarse brushes that can easily scratch aluminum. A soft microfiber cloth will be the best choice.
To clean polished surfaces, make circular movements. After removing all dirt, polish the surface with a dry cloth to dry the surface and make it glow.

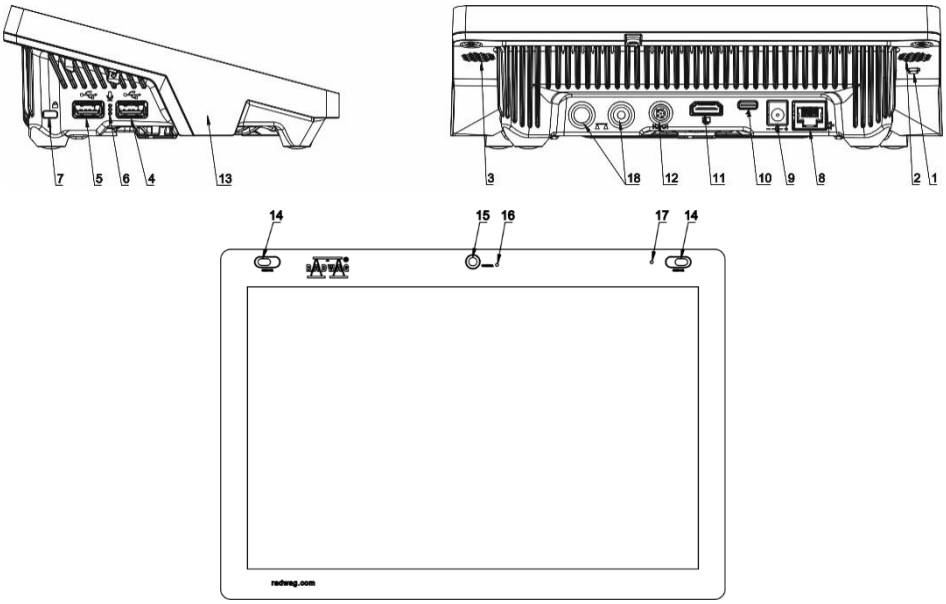
4. STRUCTURE

4.1.Dimensions



Dimensions of the PUE CY10 indicator

4.2.Description of connectors



1	Reboot or on/off button
2	Left loudspeaker
3	Right loudspeaker
4	USB type-A port
5	USB type-A port
6	Microphone
7	Kensington Lock
8	Ethernet port.
9	Power supply power
10	Power supply port – USB type-C
11	HDMI port
12	Media box port
13	RFID sensor
14	Reflective sensors
15	Camera
16	Camera LED light
17	Signal LED light
18	Weighing platform cable glands

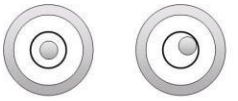
4.3.Technical parameters

Max. number of verification units	10000
Max impedance of load cell	1200Ω
Min. impedance of load cell	50Ω
Max voltage per verification unit	3,25μV
Min voltage per verification unit	0,4μV
Connection of load cells	4 or 6 wires + Screen
Load cell supply voltage	5V
Max. signal gain	19,5mV
Display unit	10” - touch screen
Protection degree	IP43
Housing	metal + plastic
Number of weighing platforms	Standard 1, max.2
Power supply	12 ÷ 15V DC
Max. current consumption	up to 1A
Working temperature	from -10°C to +40°C
Interfaces	2 x USB type-A, 1 x USB type-C, RS232 (COM3), Ethernet, HDMI port, Hotspot, wireless connection
Multi-range nature	YES

5. INSTALLATION

5.1.Unpacking and Assembly

A. Remove the weighing indicator from the factory box.
B. After connecting to the weighing platform indicator, position the device in the place of use, on an even and hard flooring, away from sources of heat.
C. Turn adjustment feet to level the scale. Leveling is correct if the air bubble is in the center of the level that has been positioned in the scale base:

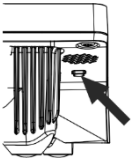


5.2.Switching on

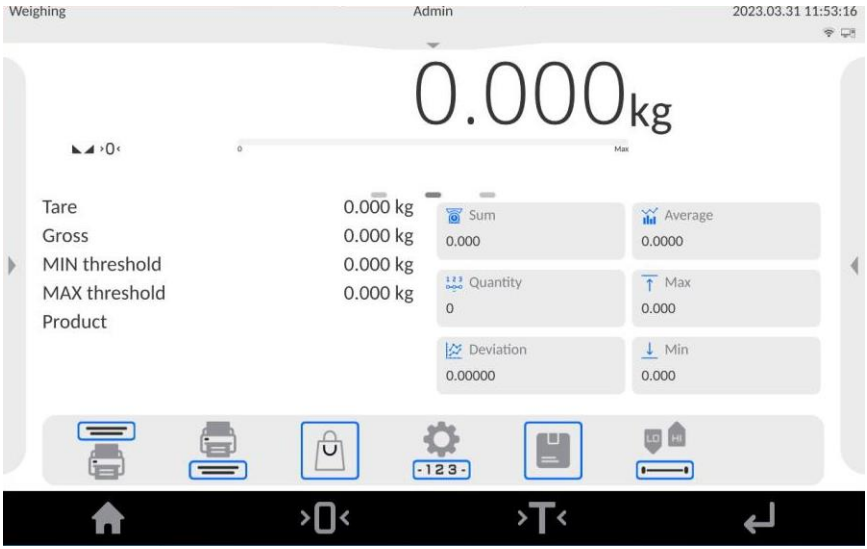
The device can be plugged in only with the use of the original feeder cable supplied. The rated voltage of the feeder cable (given in dedicated rating plate) should correspond to the mains rated voltage.

Procedure:

- Plug the feeder cable into the mains socket and put the feeder cable plug into the port at the back of the weighing indicator housing.
- The operating system and RADWAG software loading procedure will initiate in a moment. While the program is being launched, a signal LED light and LED lights at the lower frontal part of the indicator will flash.
- Once the start-up procedure has ended, the home page will be displayed.
- The weighing indicator starts with the operator being unlogged (no user). To start working, log in (logging procedure has been described below).

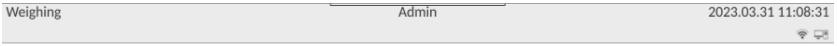
	***Switch the scale on without any load – with the empty weighing pan. As per EN 45501 standard, in verified scales the mass value of less than -20e must not be displayed. Therefore when the result drops below this value, the home page will display <Lo mass>. This being the case, zero the scale by pressing***  ***.***
	***If the program crashes during operation, reboot it. To do so, press and hold the button in the scale head for about 5 seconds. The program will restart and device will reload.***

6. HOME PAGE



The home page can be divided into 5 fields:

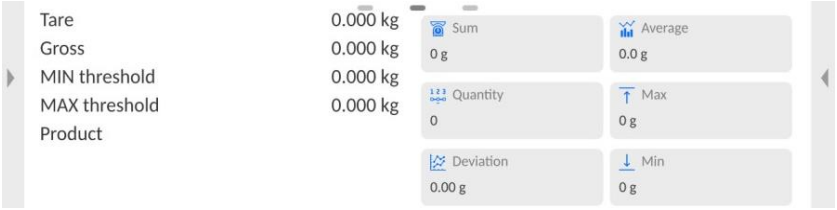
- The upper part of the screen shows information on current working mode, logged user, date, time, active connection to PC.



- The weighing result and scale leveling box is displayed below.



- The field provides additional information related to ongoing actions.



	Information in this field can be freely programmed. Defining method can be found in 'PUE CY10 indicator software manual'.

- The on-screen functional buttons are showed below:



	The scale operator can define on-screen functional buttons. Defining method can be found in „PUE CY10 indicator software manual".

- At the bottom of the screen you can see permanent functional buttons:



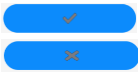
7. NAVIGATION IN THE MENU

Navigation in the menu is intuitive and user-friendly. Thanks to the touch screen display, it is very easy to use the program. Press the screen button or field in the screen to activate the assigned operate or function.

7.1.Scale Keyboard



Enter main menu



Confirm changes

Return to previous window and do not change values



Add item in database



Search item in database by date



Search item in database by name



Search item in database by code



Print item from database



Select variables for printout template



Return to previous menu level

7.2.Return to Weighing Function

Any changes made in the scale memory are automatically recorded in the menu after going back to the home screen.

Procedure:

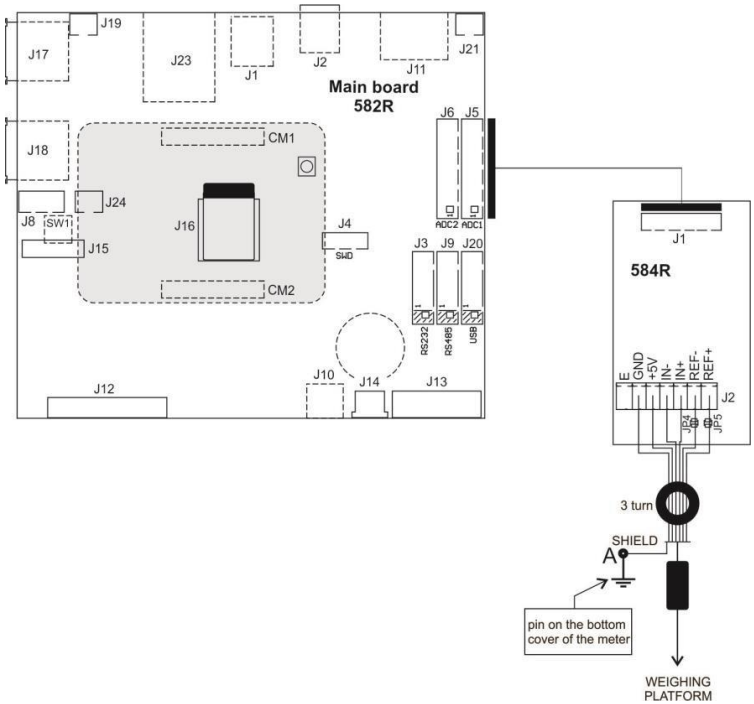
- Press ←, button a couple of times to make the scale return to home screen.
- Press  in the lower bar to return to home page immediately.

8. INSTALLER

Based on the PUE CY10 weighing indicator, load-cell scales can be constructed.

8.1.Connection of the 6-wire Load Cell

A 6-wire load cell can be connected to the motherboard as showed in the figure below:

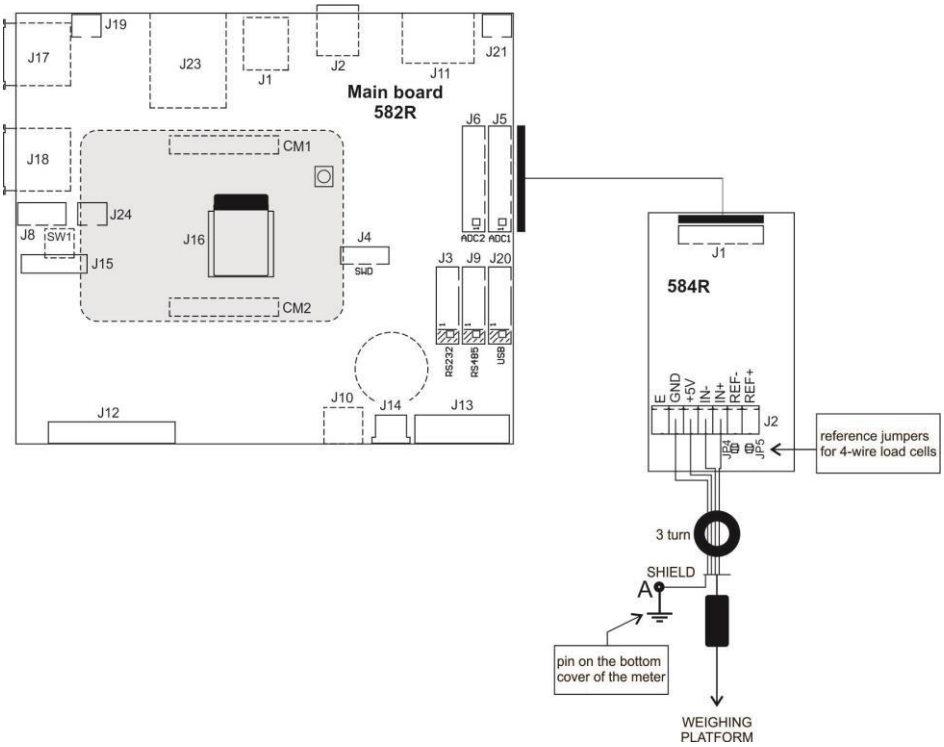


Connection of a 6-wire cell load

Radwag A/C transducer board	Signals from load cell	NOTES
E	-	See 8.3
REF+	SENSE +	JP5 not soldered
REF-	SENSE -	JP4 not soldered
IN+	OUTPUT+	
IN-	OUTPUT-	
+5V	INPUT+	
GND	INPUT-	

8.2.Connection of the 4-wire Load Cell

A 4-wire load cell can be connected to the motherboard as showed in the figure below:



Connection of the 4-wire load cell

Radwag A/C transducer board	Signals from load cell	NOTES
E	-	See 8.3
REF+	-	Soldered jumper pin JP5
REF-	-	Soldered jumper pin JP4
IN+	OUTPUT+	
IN-	OUTPUT-	
+5V	INPUT+	
AGND	INPUT-	

8.3.Connection of Load Cell Screen

	Load cell with galvanically connected screen of the signal wire.	Load cell without galvanical connection of the screen of the signal wire
Compact structure of the scale (scale with indicator on the mast, arm, etc.).	**Point A**	**E**
Scale with a weighing indicator in the metal housing connected to the weighing platform only through the signal wire of the load cell.	**Point A**	**Point A**

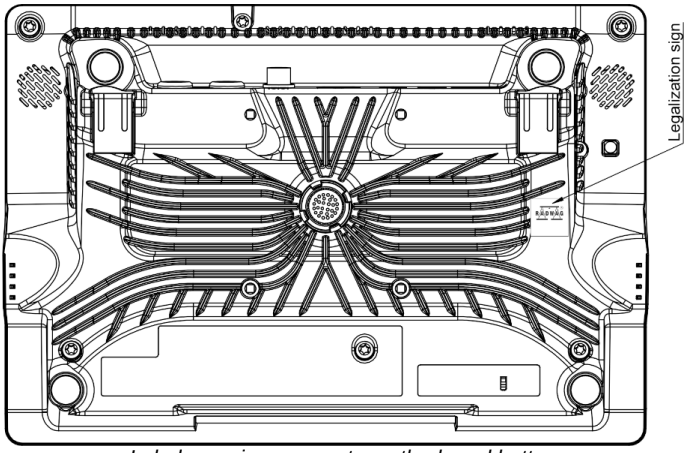
E *– Soldering point on A/C transducer boards.*
Point A *– Galvanically threaded pin connected to housing (metal housing).*

9. FACTORY PARAMETERS

When you activate the factory settings mode in the scale, you can change both user parameters and all factory parameters. This means that you can define parameters of the entire scale.

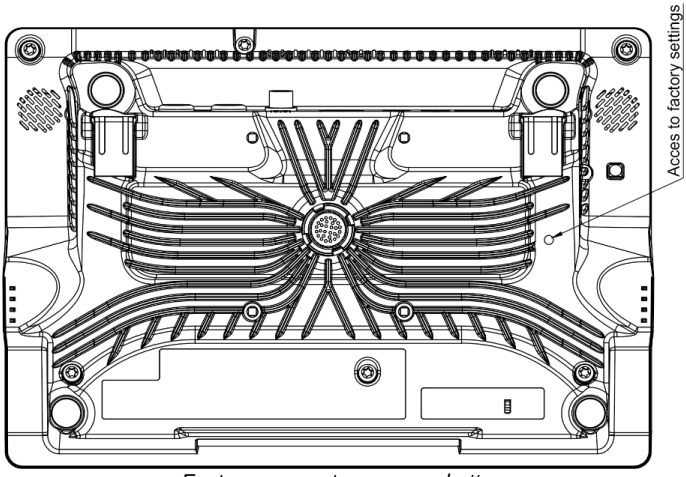
9.1.Access to Factory Parameters

- Remove the label that secures access to the motherboard button.



Label securing access to motherboard button

- Supply power to the weighing indicator.
- The startup procedure occurs automatically.
- During the startup, press and hold the motherboard button, reaching through the hole at the bottom of the housing. It is advisable to use a thin and rigid tool, e.g. screwdriver.



Factory parameters access button

- Use  to enter main menu with two submenus displayed: <Global> and <Factory>.

9.2.List of Global Parameters

Menu level		NAME	RANGE	DESCRIPTION
		Scale defining	-	Function for quick defining of the scale with automatic setting of key metrological parameters.
		Series	3Y, 4Y, 5Y, PUE CY10, CY10	Scales series.
		Serial number	-	Serial number of the device.
		Weighing record storage period [days]	-	Protection against deletion of data from the base of weighing, controls and average tares in the form of weighing storage period in days.
		Number of stored weighing records	-	Number of stored weighing records.
		Run wizard	No, Yes	Activation of the wizard (configuration) after starting the device.
		Working modes settings	**-**	**Menu with additional working modes settings.**
		Industrial scale	No, Yes	Activation of the industrial version of scale software.
		Program mode	Standard, PGC Comparator, Mass control, Moisture analyzer, Sample magnetism, magnetism	Selection of program type: **Standard** – all weighing modes available; **Comparator** – weighing and comparison only; **Mass control** – weighing and mass control only (automatic feeder); **PGC** - scale with PGC mode (Packed Goods Control).
		Available working modes	-	Activation/deactivation of working modes availability.
		Moisture analyzer	-	Additional settings for <Moisture analyzer> program.
		Access to functions	**-**	**Menu with access settings for program functions and additional modules.**
		WI-FI	No, Yes	Activation/deactivation of Wi-Fi module.
		Administrator's access to minimum sample	No, Yes	Activation/deactivation of administrator access to minimum sample settings.
		Ambient conditions	-	Parameters specifying signaling visibility and ambient conditions preview in the home screen.
		Factory logo	No, Yes	Activation/deactivation of logo displayed during scale software startup.
		Parameters management	**-**	**Menu with import, export and backup copy settings.**
		Import	-	Importing settings from pendrive memory into scale.
		Export	-	Exporting settings to pendrive memory.
		Backup copy	-	Menu with backup copy load/record functions of global and factory parameters.
		Import parameters from 4Y	-	Importing parameters from 4Y scale via pendrive.

		Set default	-	Restoring default settings.
		Advanced settings	**-**	**Menu with advanced settings.**
		NTEP	No, Yes	Activation/deactivation of changes to „Counting parts" working mode for verified scales (American market).
		Internal weight correction	No, Yes	Activation/deactivation of internal adjustment weight mass correction by the value specified in <Internal weight correction> parameter during internal adjustment.
		RTC correction coefficient	-	Synchronization of RTC clock.
		Rounded tare mode	No, Yes	Activation of rounded tare mode.
		Delete system image	-	Deletion of operating system image.

9.3.List of Factory Parameters

Menu level				NAME	RANGE	DESCRIPTION
				Number of platforms	**1, 2, 3, 4**	**Number of platforms declared.**
				Platform 1	**-**	**Menu with platform 1 parameters.**
				Weighing module type	ME-01, MI-01, MI-02, ADC1, ADC2, NT, HRP	Type of connected weighing module: **ME-01**, **MI-01**, **MI-02**, **HRP** – electro-magnetic module; **ADC1**, **ADC2** – load cell module.
				Address	-	Address assigned to weighing module (not applicable to load cell module). Default value: **253**.
				Scale description	-	Name of device and metrological information displayed in top bar.
				Scale description [ct]	-	Name of device and metrological information [ct] displayed in top bar.
				Weighing module		**Platform 1 parameters.**
				Metrology	**-**	**Metrological settings.**
				Type	CY10.F1.M2, CY10. D2, CY10.C2.M2, CY10.C2.M3, CY10.D2.M3	Selection of scale type (depending on type – relevant settings are available – e.g. filters).
				Mass divisions	-	Transducer divisions displayed.
				Reading unit: range 1	0.0000001 ÷ 50	Reading unit: range 1.
				Verification unit: range 1	None, 0.001 ÷ 50	Verification unit: range 1, 'none' value - non-verified version.
				Reading unit: range 2	0,0000001 ÷ 50	Reading unit: range 2.
				Verification unit: range 2	None, 0.001 ÷ 50	Verification unit: range 2, 'none' value - non-verified version.
				Range	-	Range of weighing + exceeded limit.

				Range 2	-	Second scale range switch point. For single-range scales – set 0.
				Adjustment	**-**	**Factory adjustment menu.**
				Determination of factory start mass	-	Determination of start mass (see 10.4.2 of the manual).
				External factory adjustment	-	Scale adjustment (see 10.4.1 of the manual).
				Start mass		Current start mass in divisions.
				Adjustment factor		Current adjustment factor.
				Factory start mass		Value of start mass given in units from transducer, read during factory adjustment.
				Factory adjustment factor		Value of adjustment factor calculated upon factory adjustment.
				Adjustment unit	g, kg, lb	Adjustment unit.
				External adjustment weight	-	Mass of external adjustment weight.
				Gcor	0.9 ÷ 1.1	Gravity correction coefficient (see 10.6 of the manual).
				Stability		**Parameters related to stable result.**
				Value release*	Fast, Reliable Fast and reliable	Measurement result stabilization speed.
				Ambient conditions*	Stable, Unstable	Parameter related to ambient conditions of the scale.
				Filter*	Very fast, fast, normal, slow, very slow	Adaptation of scale to external conditions.
				Stability range	Predefined 0.1, 0.2, 0.25, 0.5, 0.6, 0.7, 0.8, 0.9, 1, 2, 2.5, 3, 4, 5, 6, 7, 8, 9, 10.	Stability range [d]: **Predefined** – value collected from tables in scale program; **0.1 ÷ 10** – value entered directly by operator.
				Stability time	Predefined, 0, 0.2, 0.4, 0.6, 0.8, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20.	Stability time [s]: **Predefined** – value collected from tables in scale program; **0 ÷ 20** – value entered directly by operator.
				Zeroing	**-**	**Parameters related to zeroing.**
				Start mass control	Yes, No	Start mass control: **Yes** – in the range from -10% to +10% of start mass; **No** - disabled.
				Autozero*	Yes, No	Automatic control and correction of zero value: **Yes** – autozero enabled; **No** – autozero disabled.
				Autozero range	Predefined, 0.1, 0.2, 0.25, 0.5, 0.6, 0.7, 0.8, 0.9, 1, 2, 2.5, 3, 4, 5, 6, 7, 8, 9, 10.	Autozero range [d]: **Predefined** – value collected from tables in scale program; **0.1 ÷ 10** – value entered directly by operator.
				Autozero time	Predefined, 0, 0.2, 0.4, 0.6, 0.8, 1, 2, 3, 4, 5, 6, 7,	Autozero time [s]: **Predefined** – value collected from tables in scale program; **0 ÷ 20** – value entered directly by

					8, 9, 10, 15, 20.	operator.
				Interval correction	**-**	**Interval linearity correction (see 10.5 of the manual).**
				Corrections	-	Values of masses and corrections for particular points of interval correction.
				Information	**-**	**Information (read-only).**
				Weighing program version	-	Weighing module program version.
				Defined filter	**-**	**Service parameters of platform 1 with activation and service definition of filter dynamics.**
				Platform 2	**-**	**Menu with platform 2 parameters (analogical to platform 1).**
				Platform 3	**-**	**Menu with platform 3 parameters (analogical to platform 1).**
				Platform 4	**-**	**Menu with platform 4 parameters (analogical to platform 1).**

***)** - Diagnostic parameters that reflect operator parameters from <Readout> submenu. Changing values of these parameters does not cause <Readout> parameters values to be overwritten.

	***The aforesaid list of factory parameters assumes operation of 1 weighing platform. In case of more platforms, enter <Factory> menu to see a list of declared platforms. The list of parameters for each platform is analogical to the one described in the aforesaid list.***

9.4.Factory Adjustment

9.4.1. External Factory Adjustment

- Enter <**Factory**> menu and select platform number.
- Go to <**Weighing module / Adjustment**> submenu and enter <**External Factory Adjustment**> function. The message: <**Unload weighing pan**> will be displayed.
- Unload weighing pan and press  to confirm the message.
- While determining the start mass, the following message will be displayed: <**Start Mass Determination**>.
- When the start mass determination procedure is finished, the scale display will show the following message: <**Load xxx**> (where: xxx – adjustment mass).
- Load the weighing pan and press  to confirm. The following message will be displayed: <**Adjustment**>.
- Once the process is completed, the following message will appear: <**Unload Weighing Pan**>.
- Unload weighing pan and press  to confirm the message.
- You will see the following message: <**Done**>. The scale will return to <**Adjustment**> submenu.

	***External factory adjustment of the additional platform is analogical to the above-stated description.***

9.4.2. Determination of Factory Start Mass

- Enter <**Factory**> menu and select platform number.
- Go to <**Weighing Module / Adjustment**> submenu and enter <Determination of start mass> function. The following message will be displayed: <**Unload Weighing Pan**>.
- Unload weighing pan and press  to confirm. The following message will be displayed: <**Start Mass Determination**>.
- When the process is finished, the following message will appear: <**Done**>.
- Press  to confirm the message and the scale will return to <**Adjustment**> submenu.

	***Determination of factory start mass of the additional platform is analogical to the above-stated description.***

9.5.Interval Correction

9.5.1. Corrections

Declaring mass values and corrections for particular points of the interval correction.

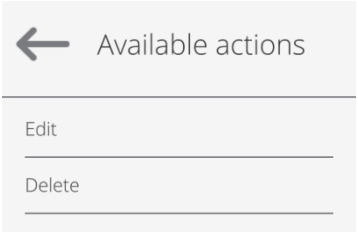
Procedure:

- Enter <**Factory / Interval Adjustment**> submenu and select <**Corrections**>.
- In order to create the interval correction point, press  button (add) located in the top right corner of the screen.
- The following edit window will appear automatically: <**Mass**>.
- Enter desired mass and press  to confirm. The following edit window will be displayed: <**Correction**>.
- Enter desired correction value and press  to confirm.
- Creation and edition of subsequent interval correction points is analogical.

	***If you press  to confirm zero value for the interval correction point, the display will show the following message: <Wrong value>.***

9.5.2. Linearity Deletion

- Enter <**Factory / Interval correction**> submenu.
- Press button (delete) located in the top right corner of the screen. The following message will be displayed: <**Are you sure you want to delete?**>.
- Press to confirm. All interval correction points will be deleted.
- To delete a single interval correction point, press and hold the point field.
- The display will show context menu related to this element:



Where:

Edit	Allows editing the interval correction point.
Delete	Allows deleting the interval correction point.

9.6.Gravitational Correction

The gravitational correction function eliminates changes of gravity forces at various latitudes. It allows proper adjustment of the scale away from the further use spot. The gravitational correction must be entered on the basis of tables provided by „RADWAG Wagi Elektroniczne" or through calculation as per the following equation:

$$Gcor = \frac{g_{uzyt.}}{g_{kal.}}$$

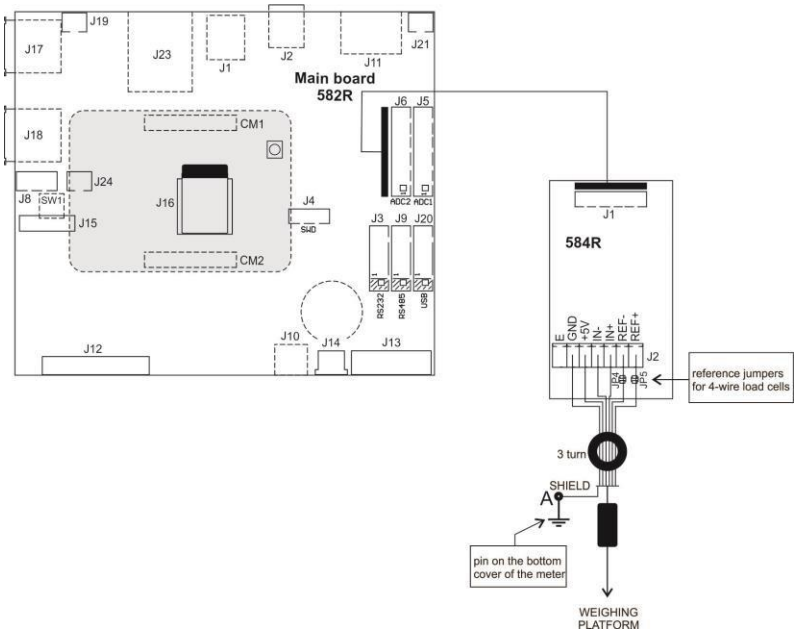
The permissible range, approved by the program, of correction values is as follows: 0,90000 ÷ 1,99999.

	***If the scale is adjusted in the use area, <Gcor> parameter must be set as 1.00000. In case the scale is adjusted away from the further use spot, always enter the gravitational correction.***

10. OPTIONAL EXTENSION MODULES

10.1. Additional Weighing Platform

Similar to the basic platform, the additional weighing platform must be connected through the A/C transducer board (584R) to the additional J6 port (ADC2) on the 582R motherboard of the indicator. A/C transducer boards must be connected to plates by means of tapes. The additional platform must be connected as showed in the figure below:



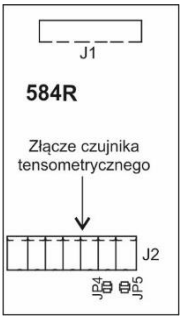
Connection of the 6-wire load cell

10.1.1. Technical Specification

Working temperature	-10°C ÷ 40°C
OIML	III
Number of verification units	10000
Max input signal	19,5mV
Max voltage per verification unit	3,25µV
Min voltage per verification unit	0,4µV
Min impedance of load cell	50 Ω
Max impedance of load cell	1200 Ω
Load cell power supply	5V
Connection of load cells	4 or 6 wires + Screen
Multi-range nature	YES

10.1.2. Colors of Signal Wires from Weighing Platform

RADWAG marking	Color	Terminal marking (soldering pads) on RADWAG A/C transducer boards
+INPUT	brown	+5V
-INPUT	green	AGND
+OUTPUT	yellow	+IN
- OUTPUT	white	-IN
SENSE	gray	+REF
- SENSE	pink	- REF
SCREEN	yellow and green	as per screen connection rules



Placa del transductor A/C radwag

11. APPENDIX A - Integration With Weighing Modules Operating

as an Additional Weighing Platform

Determination of the type of weighing module integrated with weighing indicator is carried out via: **<** **/ Factory**> submenu.

	Transmission parameters of the weighing module (transmission speed, PC port, etc.) must be compatible with transmission parameters of the PUE CY10 weighing indicator.

11.1. Cooperation with 'NT' Weighing Module

Compatibility of the indicator with weighing module operating "NT" communication protocol is carried out via RS232 or Ethernet.

List of cooperating devices:

- Scales: AS.X2, AS.R
- Scales: PS.X2, PS.R
- Scales PM.C32
- Scales: WLC, WTC, C315, H315
- Weighing modules: MAS, MPS.

Procedure:

- Connect the cooperating device to the PUE CY10 weighing indicator using the RS232 cable (supplied) or Ethernet cable.
- Switch both devices on.
- Enter factory parameters menu of the PUE CY10 weighing indicator.
- In <**Platform count**> parameter – raise platform number by 1 and enter menu of the newly created platform.
- In <**Weighing module type**> parameter - select <**NT**>, you will see a list of the following settings:

Menu level		NAME	RANGE	DESCRIPTION
		Parameters [1)]	-	**Submenu with reference parameters and metrological parameters of the cooperating device.**
		Device type	-	Cooperating device type.
		Device name	-	Cooperating device name.
		Adjustment unit	g, kg, lb	Adjustment unit of the cooperating device.
		Range		Weighing range of the cooperating device.
		Reading unit: range 1		Reading unit – range 1 – of the cooperating device.
		Verification unit: range 1		Verification unit – range 1 – of the cooperating device.
		Range 2		Switch point of the second weighing range of the cooperating device.
		Reading unit: range 2		Reading unit – range 2 – of the cooperating device.
		Verification unit: range 2		Verification unit – range 2 – of the cooperating device.
		Port [2)]	**COM 3, Tcp**	**Declaration of the PUE CY10 weighing indicator port for communication with the cooperating device. Default value: <COM 3>.**
		IP Address [3)]	**-**	**Declaration of the PUE CY10 weighing indicator IP address for communication with the cooperating device. Default**

				value: <0.0.0.0>.
		IP Port [3]	**-**	**Declaration of the PUE CY10 weighing indicator IP port for communication via Ethernet with the cooperating device. Default value: <4001>.**
		Platform overview	**-**	**Name of the cooperating device and metrological information displayed in the top bar of the display.**
		Platform overview [ct]	**-**	**Name of the cooperating device and metrological information [ct] displayed in the top bar of the display.**

[1] – Parameters of the cooperating device are assigned a **<Readout only>** attribute.

[2] – Transmission parameters of the PUE CY10 weighing indicator must be compatible with the cooperating device. Transmission parameters of the PUE CY10 weighing indicator can be set in the following submenu: **< / Communication>**.

[3] – Parameters available in case of declaring communication port into **<Tcp>**.

	***In the case of <Ethernet> communication, in the PUE CY10 indicator it is necessary to:*** • ***set the <DHCP> parameter to in the <Communication / Ethernet> submenu,*** • ***set the transmission parameters (IP address, subnet mask, default gateway) in the same pool as in associated device in the <Communication / Ethernet> submenu.***

- Set transmission parameters values (compatible with the cooperating device). The value of the mass from the cooperating device will be automatically displayed in the weighing window in the top part of the screen.
- Go to home screen.

12. ERROR MESSAGES

Max weighing threshold exceeded Unload the weighing pan.	Display capacity out of range Unload the weighing pan
Min weighing threshold exceeded Install weighing pan	Zeoring/tarring time out of range Weighing indication unstable
Tarring out of range Press zeoring button or restart the balance	Zeoring out of range Press tarring button or restart the balance
Start mass out of range Install weighing pan	