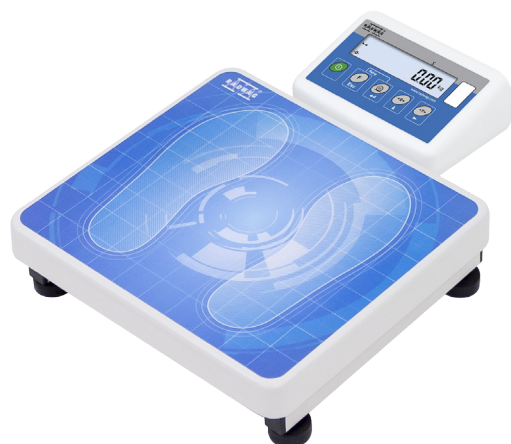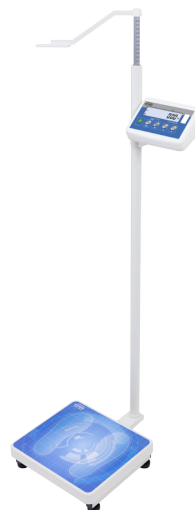# C315.OR, C315.OW, C315.OK Personal Scales

Reliable body weight measurement and BMI calculation
Product in the Register of Medicinal Products.

C315.OK
indicator on a cable 2,5 m

C315.OR
indicator next to the platform

C315.OW
indicator on a post

PUE C315
indicator with LCD display
in ABS housing

Functions

Parts counting

Percent weighing

Σ Totalizing

In-built battery

ALIBI Memory

+/- Control

Peak hold

BMI determination

Replaceable units

Wi-Fi®

GLP Procedures

Features

Multi-Functional Scale
C315.OR, C315.OK and C315.OW scales enable weight measurement of children and adults. The scales have a certificate confirming their registration in the Register of Medicinal Products. They are intended for healthcare and sport facilities, doctors' offices and schools.

Body Mass Index Determination
OW series enables determination of Body Mass Index (BMI) of adults higher than 1 m.

Cooperation with PUE C315 Indicator
The scale can be operated via uncomplicated and reliable PUE C315 indicator housed in an ABS housing.

Uncomplicated Operation and Clear Presentation of Indications
Due to a backlit LCD display the measurement result is clearly visible. Easy operation enables fast and reliable measurements to be carried out even by an inexperienced operator.

Uninterrupted Operation due to an Internal Battery
Integrated battery of the weighing indicator enables several hours long mobile operation.

ALIBI Memory
An in-built ALIBI memory guarantees safety, automatic record of measurement copy and data preview, copying and archiving.

Wireless communication
Wireless communication module, Wi-Fi®, facilitates device operation. With it there is no need to connect the computer and recorders via cable.

Technical Specifications

	C315.60/150.OR-3	C315.60/150.OW-3	C315.60/150.OK-3
Maximum capacity [Max]	60 kg / 150 kg	60 kg / 150 kg	60 kg / 150 kg
Minimum capacity	10 g	10 g	10 g
Readability [d]	20 g / 50 g	20 g / 50 g	20 g / 50 g
Max readability for non-verified scale	–	–	–
Verification unit [e]	20 g / 50 g	20 / 50 g	20 g / 50 g
Tare range	–150 kg	–150 kg	–150 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	powder-coated steel St3S	powder-coated steel St3S	powder-coated steel St3S
Weighing pan material	powder-coated steel St3S	powder-coated steel St3S	powder-coated steel St3S
Indicator fastening	to the platform	on a post	on a 2.5 m cable
Height rod measuring range	–	100 ÷ 200 cm	–
Height rod scale	–	0.5 cm	–
Display	LCD (with backlight)	LCD (with backlight)	LCD (with backlight)
Keyboard	5 keys	5 keys	5 keys
Indicator	PUE C315	PUE C315	PUE C315
Ingress protection - design	IP 65	IP 65	IP 65
Ingress protection - indicator	IP 43	IP 43	IP 43
RS 232	1	1	1
Wi-Fi®	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery
Battery operation time	to 8 hours	to 8 hours	to 8 hours
Power consumption	5 W	5 W	5 W
Operating temperature	-10 ÷ +40 ℃	-10 ÷ +40 ℃	-10 ÷ +40 ℃
Relative humidity **	10 ÷ 85%	10 ÷ 85%	10 ÷ 85%
Transport and storage temperature	–10 ÷ +50 ℃	–10 ÷ +50 ℃	–10 ÷ +50 ℃
Weighing pan dimensions	289 × 319 mm	289 × 319 mm	289 × 319 mm
Indicator dimensions	181 × 136 × 60 mm	181 × 136 × 60 mm	181 × 136 × 60 mm
Overall dimensions	431 × 319 × 92 mm	430 × 319 × 1120 mm	431 × 319 × 92 mm
Net weight	6.5 kg	7.8 kg	6.5 kg
Gross weight	8 kg	9.5 kg	8 kg
Packaging dimensions	50 × 42 × 16 cm	115 × 40 × 110 cm	50 × 42 × 16 cm

*　　　non-condensing conditions
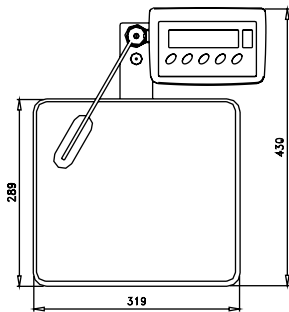
Wi-Fi® is a registered trademark of Wi-Fi® Alliance.

Technical Specifications

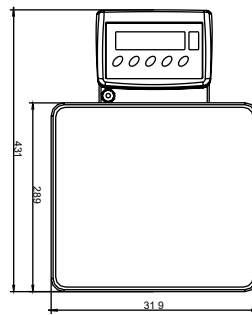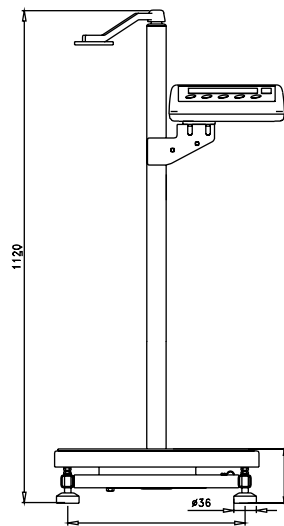|	C315.100/200.OR-3	C315.100/200.OW-3	C315.100/200.OK-3
Maximum capacity [Max]	100 kg / 200 kg	100 kg / 200 kg	100 kg / 200 kg
Minimum capacity	40 g	40 g	40 g
Readability [d]	50 g / 100 g	50 g / 100 g	50 g / 100 g
Max readability for non-verified scale	–	–	–
Verification unit [e]	50 g / 100 g	50 / 100 g	50 g / 100 g
Tare range	–200 kg	–200 kg	–200 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Design material	powder-coated steel St3S	powder-coated steel St3S	powder-coated steel St3S
Weighing pan material	powder-coated steel St3S	powder-coated steel St3S	powder-coated steel St3S
Indicator fastening	to the platform	on a post	on a 2.5 m cable
Height rod measuring range	–	100 ÷ 200 cm	–
Height rod scale	–	0.5 cm	–
Display	LCD (with backlight)	LCD (with backlight)	LCD (with backlight)
Keyboard	5 keys	5 keys	5 keys
Indicator	PUE C315	PUE C315	PUE C315
Ingress protection - design	IP 65	IP 65	IP 65
Ingress protection - indicator	IP 43	IP 43	IP 43
RS 232	1	1	1
Wi-Fi®	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery
Battery operation time	to 8 hours	to 8 hours	to 8 hours
Power consumption	5 W	5 W	5 W
Operating temperature	0 ÷ +40 ℃	0 ÷ +40 ℃	0 ÷ +40 ℃
Relative humidity **	10 ÷ 85%	10 ÷ 85%	10 ÷ 85%
Transport and storage temperature	–10 ÷ +50 ℃	–10 ÷ +50 ℃	–10 ÷ +50 ℃
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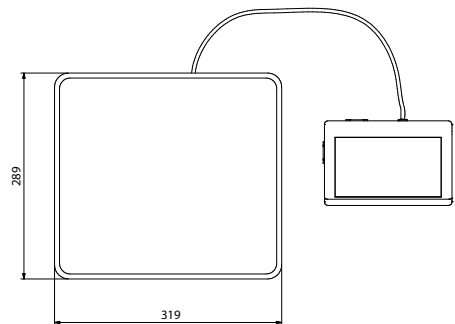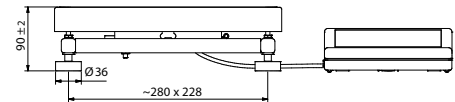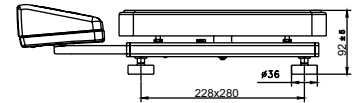Wi-Fi® is a registered trademark of Wi-Fi® Alliance.

Dimensions

C315.OW

C315.OR

C315.OR

Accessories

Peripheral Devices
- Epson printer
- LCD – WD-4/8 display (backlit)
- WWG-2/7 large-size display

Cables, Converters
- RS-232 – P0108 computer cable
- RS-232 – P0151 Epson printer cable
- RS232 – KR-04-1 converter

- RS232/RS485 – KR-01 converter
- AP2-1 – current loop unit
- K0047 – cigarette lighter cable

Remaining accessories
- stands for indicators
- weighing Tables

Dedicated Software

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

LabView Driver
- operation of RADWAG balances in LabView environment

Radwag Development Studio
- presentation of functions (and subfunctions) of communication protocol (Common Communication Protocol)
- possibility of connection with weighing equipment on which each function is carried out,
- library with mass control, contained within the development environment
- complete documentation of the communication protocol
- set of user manuals for different solutions addressed for programmers employed in companies using RADWAG-manufactured weighing equipment

RADWAG Connect
- establishing communication with all balances, scales and weighing modules using Common Communication Protocol
- communication via local network,
- support of basic functions
- auto searching for devices
- connecting with few devices simultaneously, swapping between them
- clear list of connected platforms
- record of measurements in the program,
- export of carried out measurements to CSV file,
- work performed using freely selected device with Windows 10 operating system

RAD KEY
- Establishing cooperation between a weighing instrument and a computer

RWTool
- Software operating on Android platform, it enables to configure connection between scales and the wireless network of the customer