

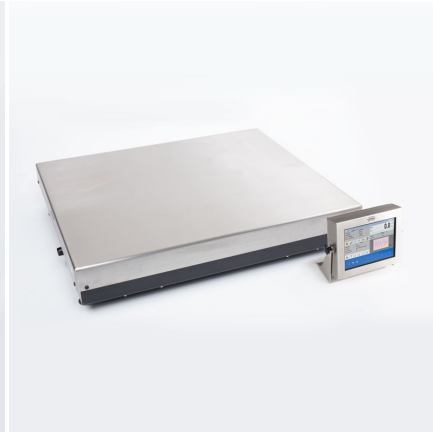


More information on the website
radwag.com/en/info,w1,0CC

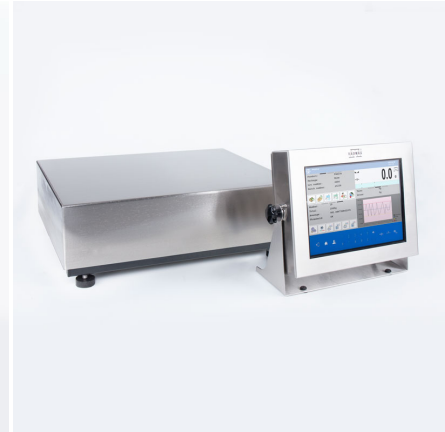
HY10.10.HRP.H High Resolution Scale, HY10.1100.HRP.H High Resolution Scale,
 HY10.300.1.HRP.H.M2.1 High Resolution Scale, HY10.120.HRP.H High Resolution Scale,
 HY10.32.HRP.H High Resolution Scale, HY10.300.HRP.H High Resolution Scale,
 HY10.16.HRP.H High Resolution Scale, HY10.600.HRP.H High Resolution Scale,
 HY10.2000.HRP.H.M2.1 High Resolution Scale, HY10.62.HRP.H High Resolution Scale,
 HY10.150.HRP.H High Resolution Scale



HY10.10.HRP.H High Resolution Scale
 HY10.32.HRP.H High Resolution Scale
 HY10.16.HRP.H High Resolution Scale



HY10.1100.HRP.H High Resolution Scale
 HY10.300.1.HRP.H.M2.1 High Resolution Scale
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 HY10.600.HRP.H High Resolution Scale
 HY10.2000.HRP.H.M2.1 High Resolution Scale



HY10.120.HRP.H High Resolution Scale
 HY10.62.HRP.H High Resolution Scale
 HY10.150.HRP.H High Resolution Scale

The drawings, photos and graphics used are for illustrative purposes only.

Functions



Dosing



Labelling



Plus/Minus Control



Percent Weighing



Totalizing



Parts counting



Peak hold



Formulation



Newton unit measurement



Statistics



Checkweighing



GLP Procedures



Animal weighing



Differential weighing



Replaceable unit



Statistical Quality Control



ALIBI Memory



Transactions

Datasheet

	HY10.10.HRP.H High Resolution Scale	HY10.16.HRP.H High Resolution Scale	HY10.32.HRP.H High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	10 kg	16 kg	32 kg
Minimum load	5 g	5 g	5 g
Preload range	4 kg	4 kg	4 kg
Readability [d]	0,02 g	0,1 g	0,1 g
Verification unit [e]			
Tare range	-10 kg	-16 kg	-32 kg
Repeatability	0,03 g	0,1 g	0,1 g
Linearity	±0,06 g	±0,1 g	±0,3 g
Stabilization time	2 s	2 s	2 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class			
Maximum quantity of verification units	—	—	—
Physical parameters			
Display	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen
Weighing pan dimensions	360×280 mm	360×280 mm	360×280 mm
Packaging dimensions	—	475×560×600 mm	475×560×600 mm
Net weight	24,7 kg	24,7 kg	24,7 kg
Gross weight	28,7 kg	28,7 kg	28,7 kg
Construction			
Protection class	IP 66/67 construction, IP 68/69 indicator	IP 66/67 construction, IP 68/69 indicator	IP 66/67 construction, IP 68/69 indicator
Construction	Stainless steel AISI304	Stainless steel AISI304	Stainless steel AISI304
Weighing pan material	Stainless steel AISI304	Stainless steel AISI304	Stainless steel AISI304
Communication interface			
Communication interface	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital)	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital)	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital)
USB	×2	×2	×2
Ethernet	×1	×1	×1
RS232	×2	×2	×2
Optional add-on modules			
Wi-Fi module (option)	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
RS485 module (option)	1	1	1
Profibus module (option)	DP SLAVE	DP SLAVE	DP SLAVE
PROFINET module (option)	1 × RJ45	1 × RJ45	1 × RJ45
Analog output module (option)	4-20mA, 0-20mA, 0-10V	4-20mA, 0-20mA, 0-10V	4-20mA, 0-20mA, 0-10V
Inputs/Outputs (option)	12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)
Electrical parameters			
Power supply	100 – 240 V AC 50/60 Hz	100 – 240 V AC 50/60 Hz	100 – 240 V AC 50/60 Hz
Environmental conditions			
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C	+10 ÷ +40 °C

Repeatability is expressed as the standard deviation of ten load placements. Relative humidity under non-condensing conditions. Stabilization time under optimal environmental conditions.

Datasheet

	HY10.62.HRP.H High Resolution Scale	HY10.120.HRP.H High Resolution Scale	HY10.150.HRP.H High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	62 kg	120 kg	150 kg
Minimum load	25 g	50 g	50 g
Preload range	30 kg	30 kg	30 kg
Readability [d]	0,1 g	0,5 g	1 g
Verification unit [e]			
Tare range	-62 kg	-120 kg	-150 kg
Repeatability	0,08 g	0,3 g	0,6 g
Linearity	±0,4 g	±2 g	±3 g
Stabilization time	2 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class			
Maximum quantity of verification units			
Physical parameters			
Display	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen
Weighing pan dimensions	500×400 mm	500×400 mm	500×400 mm
Packaging dimensions	610×710×505 mm	610×710×505 mm	610×710×505 mm
Net weight	30 kg	37 kg	71,5 kg
Gross weight	35 kg	52 kg	119 kg
Construction			
Protection class	IP 66/67 construction, IP 68/69 indicator	IP 66/67 construction, IP 68/69 indicator	IP 66/67 construction, IP 68/69 indicator
Construction	Stainless steel AISI304	Stainless steel AISI304	Stainless steel AISI304
Weighing pan material	Stainless steel AISI304	Stainless steel AISI304	Stainless steel AISI304
Communication interface			
Communication interface	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital)	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital)	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital)
USB	×2	×2	×2
Ethernet	×1	×1	×1
RS232	×2	×2	×2
Optional add-on modules			
Wi-Fi module (option)	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
RS485 module (option)	1	1	1
Profibus module (option)	DP SLAVE	DP SLAVE	DP SLAVE
PROFINET module (option)	1 × RJ45	1 × RJ45	1 × RJ45
Analog output module (option)	4-20mA, 0-20mA, 0-10V	4-20mA, 0-20mA, 0-10V	4-20mA, 0-20mA, 0-10V
Inputs/Outputs (option)	12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)
Electrical parameters			
Power supply	100 – 240 V AC 50/60 Hz	100 – 240 V AC 50/60 Hz	100 – 240 V AC 50/60 Hz
Environmental conditions			
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C	+10 ÷ +40 °C

Repeatability is expressed as the standard deviation of ten load placements. Relative humidity under non-condensing conditions. Stabilization time under optimal environmental conditions.

Datasheet

	HY10.300.HRP.H High Resolution Scale	HY10.300.1.HRP.H.M2.1 High Resolution Scale	HY10.600.HRP.H High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	300 kg	300 kg	600 kg
Minimum load	50 g	50 g	250 g
Preload range	60 kg	60 kg	60 kg
Readability [d]	1 g	1 g	5 g
Verification unit [e]		10 g	
Tare range	-300 kg	-300 kg	-600 kg
Repeatability	3 g	3 g	7,5 g
Linearity	±6 g	±6 g	±15 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class		II	
Maximum quantity of verification units		30000 e	
Physical parameters			
Display	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen
Weighing pan dimensions	800×600 mm	1000×800 mm	1000×800 mm
Packaging dimensions	800×1000×537 mm	1000×1200×666 mm	1000×1200×666 mm
Net weight	71,5 kg	126 kg	126 kg
Gross weight	119 kg	160 kg	160 kg
Construction			
Protection class	IP 66/67 construction, IP 68/69 indicator	IP 66/67 construction, IP 68/69 indicator	IP 66/67 construction, IP 68/69 indicator
Construction	Stainless steel AISI304	Stainless steel AISI304	Stainless steel AISI304
Weighing pan material	Stainless steel AISI304	Stainless steel AISI304	Stainless steel AISI304
Communication interface			
Communication interface	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital)	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital)	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital)
USB	×2	×2	×2
Ethernet	×1	×1	×1
RS232	×2	×2	×2
Optional add-on modules			
Wi-Fi module (option)	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
RS485 module (option)	1	1	1
Profibus module (option)	DP SLAVE	DP SLAVE	DP SLAVE
PROFINET module (option)	1 × RJ45	1 × RJ45	1 × RJ45
Analog output module (option)	4-20mA, 0-20mA, 0-10V	4-20mA, 0-20mA, 0-10V	4-20mA, 0-20mA, 0-10V
Inputs/Outputs (option)	12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)
Electrical parameters			
Power supply	100 – 240 V AC 50/60 Hz	100 – 240 V AC 50/60 Hz	100 – 240 V AC 50/60 Hz
Environmental conditions			
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C	+10 ÷ +40 °C

Repeatability is expressed as the standard deviation of ten load placements. Relative humidity under non-condensing conditions. Stabilization time under optimal environmental conditions.

Datasheet

	HY10.1100.HRP.H High Resolution Scale	HY10.2000.HRP.H.M2.1 High Resolution Scale
Metrological parameters		
Maximum capacity [Max]	1100 kg	2000 kg
Minimum load	500 g	500 g
Preload range	100 kg	200 kg
Readability [d]	10 g	10 g
Verification unit [e]		100 g
Tare range	-1100 kg	-2000 kg
Repeatability	15 g	30 g
Linearity	±30 g	±60 g
Stabilization time	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)
OIML Class		II
Maximum quantity of verification units	–	20000 e
Physical parameters		
Display	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen
Weighing pan dimensions	1000×800 mm	1250×1000 mm
Packaging dimensions	1000×1200×666 mm	–
Net weight	126 kg	
Gross weight	160 kg	–
Construction		
Protection class	IP 66/67 construction, IP 68/69 indicator	IP 66/67 construction, IP 68/69 indicator
Construction	Stainless steel AISI304	Stainless steel AISI304
Weighing pan material	Stainless steel AISI304	Stainless steel AISI304
Communication interface		
Communication interface	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital)	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital)
USB	×2	×2
Ethernet	×1	×1
RS232	×2	×2
Optional add-on modules		
Wi-Fi module (option)	802.11 b/g/n	802.11 b/g/n
RS485 module (option)	1	1
Profibus module (option)	DP SLAVE	DP SLAVE
PROFINET module (option)	1 × RJ45	1 × RJ45
Analog output module (option)	4-20mA, 0-20mA, 0-10V	4-20mA, 0-20mA, 0-10V
Inputs/Outputs (option)	12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)
Electrical parameters		
Power supply	100 – 240 V AC 50/60 Hz	100 – 240 V AC 50/60 Hz
Environmental conditions		
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C

Repeatability is expressed as the standard deviation of ten load placements. Relative humidity under non-condensing conditions. Stabilization time under optimal environmental conditions.

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



Accessories

RS 232 cables (scale - printer)
Transponder card readers
RS 232 cables (scale - ZEBRA printer)
RS 232 cables (scale - Ethernet)
Displays
Antivibration Tables
IN/OUT Cables
Barcode scanners
Label Printers

Stands, wall mounting kits and mounting brackets
RS 232, RS 485 cables
Keypad, external switches
Receipt Printer
USB cable (scale - printer)
Additional Weighing platforms Module
Additional modules
RS 232 – USB Converter

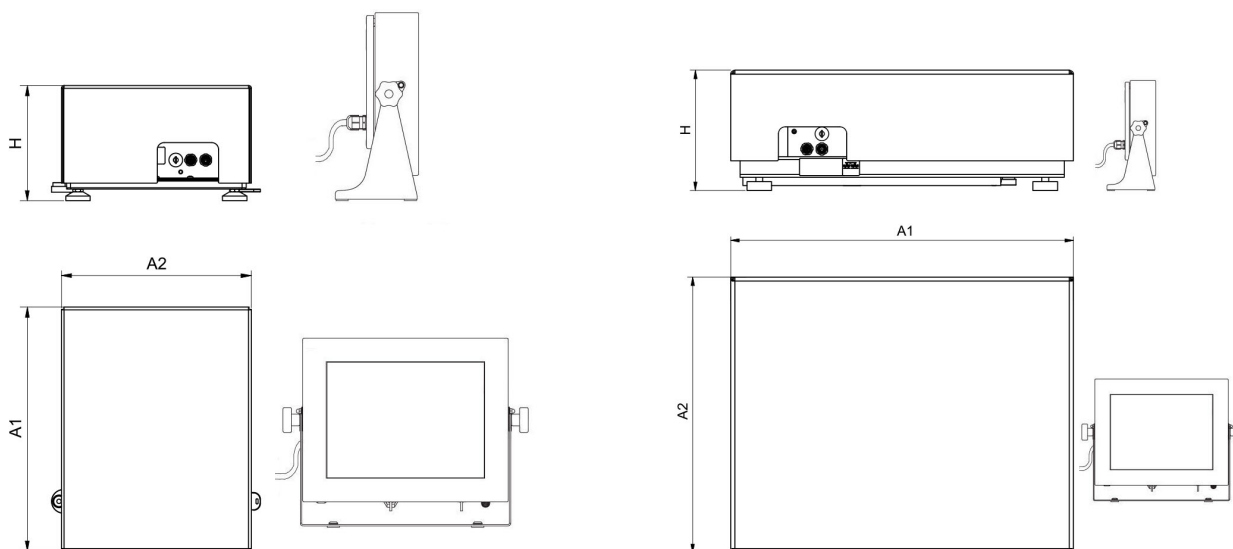
Software

E2R System
Audit Trail Reader
RADWAG Remote Desktop
Scales Editor 2.1

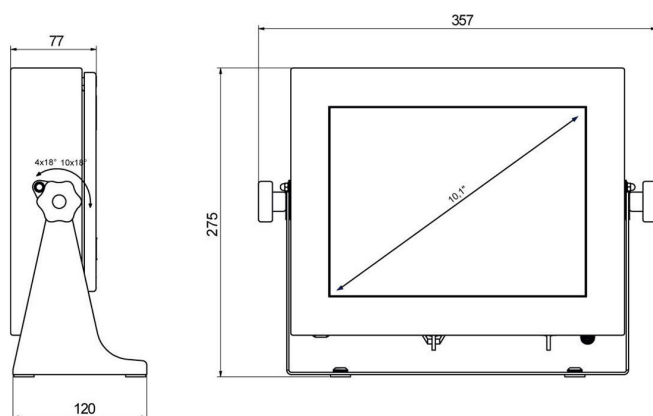
RAD-KEY
Label Editor R02
R-LAB
RADWAG Development Studio

Device dimensions

HY10.10.HRP.H High Resolution Scale, HY10.1100.HRP.H High Resolution Scale, HY10.300.1.HRP.H.M2.1 High Resolution Scale, HY10.120.HRP.H High Resolution Scale, HY10.32.HRP.H High Resolution Scale, HY10.300.HRP.H High Resolution Scale, HY10.16.HRP.H High Resolution Scale, HY10.600.HRP.H High Resolution Scale, HY10.2000.HRP.H.M2.1 High Resolution Scale, HY10.62.HRP.H High Resolution Scale, HY10.150.HRP.H High Resolution Scale



HY10.16 - 32.HRP.H



Scale type	A1	A2	H
HY10.(16-32).HRP.H	360	280	180±5
HY10.(62-150).HRP.H	500	400	180±5
HY10.150.2.HRP.H	500	500	180±5
HY10.(150.1-300).HRP.H	800	600	180±5
HY10.(300.1-1100).HRP.H	1000	800	180±5
HY10.(2000).HRP.H	1250	1000	180±5

Dimensions in mm

PUE HY10