



HY10.10.HRP.H High Resolution Scale, HY10.32.HRP.H.M2.1 High Resolution Scale,  
HY10.16.HRP.H.M2.1 High Resolution Scale, HY10.32.HRP.H High Resolution Scale,  
HY10.16.HRP.H High Resolution Scale

More information on the website  
[radwag.com/en/info,w1,0CC](http://radwag.com/en/info,w1,0CC)



HY10.10.HRP.H High Resolution Scale  
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HY10.16.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	HY10.16.HRP.H.M2.1 High Resolution Scale
<b>Metrological parameters</b>			
<b>Maximum capacity [Max]</b>	10 kg	16 kg	16 kg
<b>Minimum load</b>	5 g	5 g	5 g
<b>Preload range</b>	4 kg	4 kg	4 kg
<b>Readability [d]</b>	0,02 g	0,1 g	0,1 g
<b>Verification unit [e]</b>			1 g
<b>Tare range</b>	-10 kg	-16 kg	-16 kg
<b>Repeatability</b>	0,03 g	0,1 g	0,1 g
<b>Linearity</b>	±0,06 g	±0,1 g	±0,1 g
<b>Stabilization time</b>	2 s	2 s	2 s
<b>Adjustment</b>	internal (automatic)	internal (automatic)	internal (automatic)
<b>OIML Class</b>			II
<b>Maximum quantity of verification units</b>	—	—	16000 e
<b>Physical parameters</b>			
<b>Display</b>	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour touchscreen
<b>Weighing pan dimensions</b>	360×280 mm	360×280 mm	360×280 mm
<b>Packaging dimensions</b>	—	475×560×600 mm	475×560×600 mm
<b>Net weight</b>	24,7 kg	24,7 kg	24,7 kg
<b>Gross weight</b>	28,7 kg	28,7 kg	28,7 kg
<b>Construction</b>			
<b>Protection class</b>	IP 66/67 construction, IP 68/69 terminal	IP 66/67 construction, IP 68/69 terminal	IP 66/67 construction, IP 68/69 terminal
<b>Construction</b>	Stainless steel AISI304	Stainless steel AISI304	Stainless steel AISI304
<b>Weighing pan material</b>	Stainless steel AISI304	Stainless steel AISI304	Stainless steel AISI304
<b>Communication interface</b>			
<b>Communication interface</b>	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)
<b>Optional interfaces</b>	module Wi-Fi 802.11 b/g/n, module Profibus (DP SLAVE), module RS485, module PROFINET (RJ45), analog output module (4-20mA, 0-20mA, 0-10V) , 12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	module Wi-Fi 802.11 b/g/n, module Profibus (DP SLAVE), module RS485, module PROFINET (RJ45), analog output module (4-20mA, 0-20mA, 0-10V) , 12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	module Wi-Fi 802.11 b/g/n, module Profibus (DP SLAVE), module RS485, module PROFINET (RJ45), analog output module (4-20mA, 0-20mA, 0-10V) , 12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)
<b>Electrical parameters</b>			
<b>Power supply</b>	100 – 240 V AC 50/60 Hz	100 – 240 V AC 50/60 Hz	100 – 240 V AC 50/60 Hz
<b>Environmental conditions</b>			
<b>Operating temperature</b>	+10 ÷ +40 °C	+10 ÷ +40 °C	+10 ÷ +40 °C
<b>Relative humidity</b>	40% ÷ 80%	40% ÷ 80%	40% ÷ 80%

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

# Datasheet

	HY10.32.HRP.H.M2.1 High Resolution Scale	HY10.32.HRP.H High Resolution Scale
<b>Metrological parameters</b>		
Maximum capacity [Max]	32 kg	32 kg
Minimum load	5 g	5 g
Preload range	4 kg	4 kg
Readability [d]	0,1 g	0,1 g
Verification unit [e]	1 g	
Tare range	-32 kg	-32 kg
Repeatability	0,1 g	0,1 g
Linearity	±0,3 g	±0,3 g
Stabilization time	2 s	2 s
Adjustment	internal (automatic)	internal (automatic)
OIML Class	II	
Maximum quantity of verification units	32000 e	–
<b>Physical parameters</b>		
Display	10" graphic colour touchscreen	10" graphic colour touchscreen
Weighing pan dimensions	360×280 mm	360×280 mm
Packaging dimensions	475×560×600 mm	475×560×600 mm
Net weight	24,7 kg	24,7 kg
Gross weight	28,7 kg	28,7 kg
<b>Construction</b>		
Protection class	IP 66/67 construction, IP 68/69 terminal	IP 66/67 construction, IP 68/69 terminal
Construction	Stainless steel AISI304	Stainless steel AISI304
Weighing pan material	Stainless steel AISI304	Stainless steel AISI304
<b>Communication interface</b>		
Communication interface	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital)	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital)
Optional interfaces	module Wi-Fi 802.11 b/g/n, module Profibus (DP SLAVE), module RS485, module PROFINET (RJ45), analog output module (4-20mA, 0-20mA, 0-10V) , 12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)	module Wi-Fi 802.11 b/g/n, module Profibus (DP SLAVE), module RS485, module PROFINET (RJ45), analog output module (4-20mA, 0-20mA, 0-10V) , 12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)
<b>Electrical parameters</b>		
Power supply	100 – 240 V AC 50/60 Hz	100 – 240 V AC 50/60 Hz
<b>Environmental conditions</b>		
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C
Relative humidity	40% ÷ 80%	40% ÷ 80%

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)

Label Printers

Transponder card readers  
 RS 232 cables (scale - ZEBRA printer)  
 RS 232 cables (scale - Ethernet)  
 Displays  
 Antivibration Tables  
 RS 232, RS 485 cables  
 IN/OUT Cables  
 Barcode scanners

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

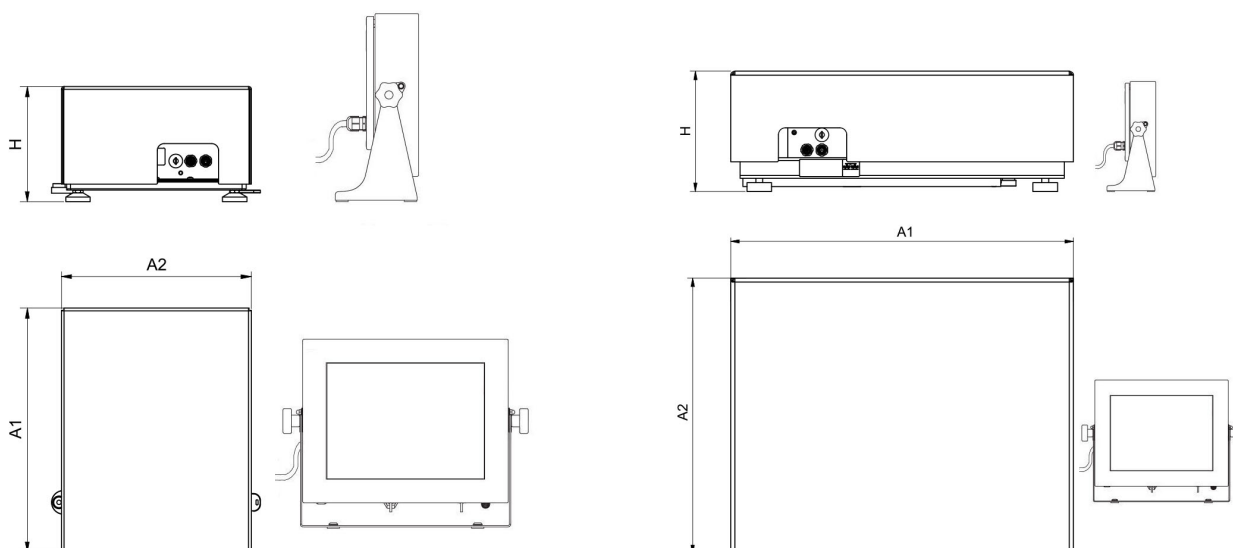
## Software

E2R System  
 Audit Trail Reader  
 RADWAG Remote Desktop  
 Scales Editor 2.1

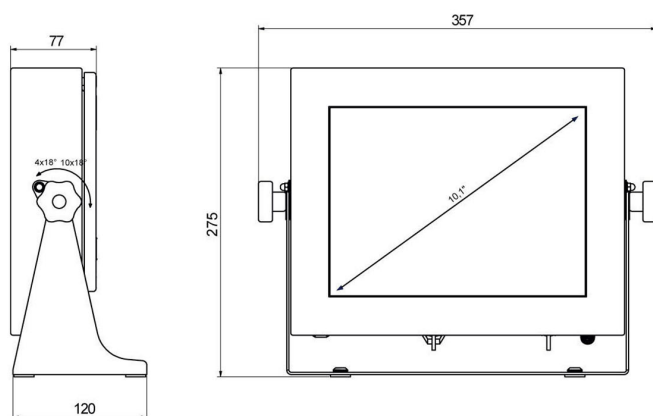
RAD-KEY  
 Label Editor R02  
 R-LAB  
 RADWAG Development Studio

## Device dimensions

HY10.10.HRP.H High Resolution Scale, HY10.32.HRP.H.M2.1 High Resolution Scale, HY10.16.HRP.H.M2.1 High Resolution Scale, HY10.32.HRP.H High Resolution Scale, HY10.16.HRP.H High Resolution Scale



HY10.16 - 32.HRP.H



PUE HY10

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