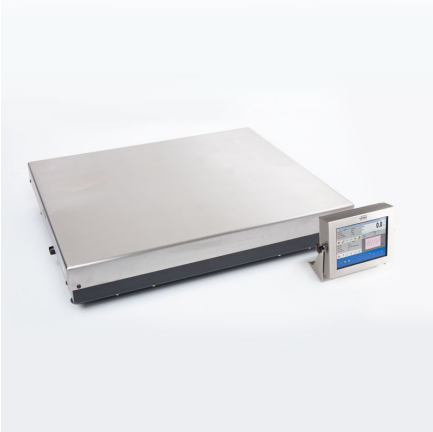
HY10.10.HRP.H High Resolution Scale, HY10.150.1.HRP.H High Resolution Scale, HY10.62.HRP.H.M2.1 High Resolution Scale, HY10.62.HRP.H.M2.2 High Resolution Scale, HY10.32.HRP.H.M2.1 High Resolution Scale, HY10.120.2.HRP.H High Resolution Scale, HY10.1100.HRP.H High Resolution Scale, HY10.300.HRP.H.M2.1 High Resolution Scale, HY10.16.HRP.H.M2.1 High Resolution Scale, HY10.150.1.HRP.H.M2.1 High Resolution Scale, HY10.300.1.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, HY10.1100.HRP.H.M2.2 High Resolution Scale, HY10.600.HRP.H.M2.1 High Resolution Scale, HY10.2000.HRP.H High Resolution Scale, HY10.2000.HRP.H.M3 High Resolution Scale, HY10.1000.HRP.H.M3 High Resolution Scale, HY10.300.HRP.H High Resolution Scale, HY10.16.HRP.H High Resolution Scale, HY10.150.1.HRP.H.M2.2 High Resolution Scale, HY10.1100.HRP.H.M2.1 High Resolution Scale, HY10.600.HRP.H High Resolution Scale, HY10.62.2.HRP.H High Resolution Scale, HY10.2000.HRP.H.M2.1 High Resolution Scale, HY10.150.2.HRP.H High Resolution Scale, HY10.120.HRP.H.M2.1 High Resolution Scale, HY10.120.HRP.H.M2.2 High Resolution Scale, HY10.600.HRP.H.M2.2 High Resolution Scale, HY10.62.HRP.H High Resolution Scale, HY10.150.HRP.H High Resolution Scale

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

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



HY10.150.1.HRP.H High Resolution Scale
HY10.1100.HRP.H High Resolution Scale
HY10.300.HRP.H.M2.1 High Resolution Scale
HY10.150.1.HRP.H.M2.1 High Resolution Scale
HY10.300.1.HRP.H High Resolution Scale
HY10.300.1.HRP.H.M2.1 High Resolution Scale
HY10.1100.HRP.H.M2.2 High Resolution Scale
HY10.600.HRP.H.M2.1 High Resolution Scale
HY10.2000.HRP.H High Resolution Scale
HY10.2000.HRP.H.M3 High Resolution Scale
HY10.1000.HRP.H.M3 High Resolution Scale
HY10.300.HRP.H High Resolution Scale
HY10.150.1.HRP.H.M2.2 High Resolution Scale
HY10.1100.HRP.H.M2.1 High Resolution Scale
HY10.600.HRP.H High Resolution Scale
HY10.2000.HRP.H.M2.1 High Resolution Scale
HY10.600.HRP.H.M2.2 High Resolution Scale

HY10.62.HRP.H.M2.1 High Resolution Scale
HY10.62.HRP.H.M2.2 High Resolution Scale
HY10.120.2.HRP.H High Resolution Scale
HY10.120.HRP.H High Resolution Scale
HY10.62.2.HRP.H High Resolution Scale
HY10.150.2.HRP.H High Resolution Scale
HY10.120.HRP.H.M2.1 High Resolution Scale
HY10.120.HRP.H.M2.2 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	HY10.16.HRP.H.M2.1 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	10 kg	16 kg	16 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]			1 g
Tare range	-10 kg	-16 kg	-16 kg
Repeatability	0,03 g	0,1 g	0,1 g
Linearity	±0,06 g	±0,1 g	±0,1 g
Stabilization time	2 s	2 s	2 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class			II
Maximum quantity of verification units	—	—	16000 e
Physical parameters			
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" 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)
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)	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)
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
Relative humidity	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 High Resolution Scale	HY10.32.HRP.H.M2.1 High Resolution Scale	HY10.62.HRP.H.M2.1 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	32 kg	32 kg	62 kg
Minimum load	5 g	5 g	50 g
Preload range	4 kg	4 kg	30 kg
Readability [d]	0,1 g	0,1 g	1 g
Verification unit [e]		1 g	10 g
Tare range	-32 kg	-32 kg	-62 kg
Repeatability	0,1 g	0,1 g	0,3 g
Linearity	±0,3 g	±0,3 g	±1 g
Stabilization time	2 s	2 s	2 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class		II	II
Maximum quantity of verification units	—	32000 e	6200 e
Physical parameters			
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour touchscreen
Weighing pan dimensions	360×280 mm	360×280 mm	500×400 mm
Packaging dimensions	475×560×600 mm	475×560×600 mm	610×710×505 mm
Net weight	24,7 kg	24,7 kg	37 kg
Gross weight	28,7 kg	28,7 kg	52 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)
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)	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)
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
Relative humidity	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

	HY10.62.2.HRP.H High Resolution Scale	HY10.62.HRP.H.M2.2 High Resolution Scale	HY10.62.HRP.H High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	62 kg	62 kg	62 kg
Minimum load	25 g	100 g	25 g
Preload range	30 kg	30 kg	30 kg
Readability [d]	0,1 g	2 g	0,1 g
Verification unit [e]		2 g	
Tare range	-62 kg	-62 kg	-62 kg
Repeatability	0,08 g	0,6 g	0,08 g
Linearity	±0,4 g	±2 g	±0,4 g
Stabilization time	2 s	2 s	2 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class		II	
Maximum quantity of verification units		31000 e	
Physical parameters			
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour touchscreen
Weighing pan dimensions	500×500 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	30 kg
Gross weight	35 kg	52 kg	35 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)
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)	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)
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
Relative humidity	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

	HY10.120.2.HRP.H High Resolution Scale	HY10.120.HRP.H.M2.1 High Resolution Scale	HY10.120.HRP.H.M2.2 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	120 kg	120 kg	120 kg
Minimum load	50 g	50 g	250 g
Preload range	30 kg	30 kg	30 kg
Readability [d]	0,5 g	1 g	5 g
Verification unit [e]		10 g	5 g
Tare range	-120 kg	-120 kg	-120 kg
Repeatability	0,3 g	1 g	2 g
Linearity	±2 g	±2 g	±5 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class		II	II
Maximum quantity of verification units	—	12000 e	24000 e
Physical parameters			
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour touchscreen
Weighing pan dimensions	500×500 mm	500×400 mm	500×400 mm
Packaging dimensions	584×584×232 mm	610×710×505 mm	610×710×505 mm
Net weight	37 kg	37 kg	37 kg
Gross weight	52 kg	52 kg	52 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)
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)	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)
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
Relative humidity	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

	HY10.120.HRP.H High Resolution Scale	HY10.150.2.HRP.H High Resolution Scale	HY10.150.1.HRP.H.M2.1 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	120 kg	150 kg	150 kg
Minimum load	50 g	50 g	50 g
Preload range	30 kg	30 kg	30 kg
Readability [d]	0,5 g	1 g	1 g
Verification unit [e]			10 g
Tare range	-120 kg	-150 kg	-150 kg
Repeatability	0,3 g	0,6 g	1,5 g
Linearity	±2 g	±3 g	±3 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class			II
Maximum quantity of verification units	—	—	15000 e
Physical parameters			
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour touchscreen
Weighing pan dimensions	500×400 mm	500×500 mm	800×600 mm
Packaging dimensions	610×710×505 mm	1000×800×307 mm	800×1000×537 mm
Net weight	37 kg	71,5 kg	71,5 kg
Gross weight	52 kg	119 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)
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)	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)
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
Relative humidity	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

	HY10.150.1.HRP.H.M2.2 High Resolution Scale	HY10.150.1.HRP.H High Resolution Scale	HY10.150.HRP.H High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	150 kg	150 kg	150 kg
Minimum load	250 g	50 g	50 g
Preload range	30 kg	30 kg	30 kg
Readability [d]	5 g	1 g	1 g
Verification unit [e]	5 g		
Tare range	-150 kg	-150 kg	-150 kg
Repeatability	1,5 g	1,5 g	0,6 g
Linearity	±5 g	±3 g	±3 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" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour touchscreen
Weighing pan dimensions	800×600 mm	800×600 mm	500×400 mm
Packaging dimensions	800×1000×537 mm	800×1000×537 mm	610×710×505 mm
Net weight	71,5 kg	71,5 kg	71,5 kg
Gross weight	119 kg	119 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)
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)	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)
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
Relative humidity	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

	HY10.1000.HRP.H.M3 High Resolution Scale	HY10.300.1.HRP.H High Resolution Scale	HY10.300.HRP.H.M2.1 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	200 / 500 / 1000 kg	300 kg	300 kg
Minimum load	400 / 1000 / 2000 g	50 g	50 g
Preload range	100 kg	60 kg	60 kg
Readability [d]	20 / 50 / 100 g	1 g	1 g
Verification unit [e]	20 / 50 / 100 g		10 g
Tare range	-1000 kg	-300 kg	-300 kg
Repeatability	15 / 15 / 30 g	3 g	3 g
Linearity	±20 / ±50 / ±100 g	±6 g	±6 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	III		II
Maximum quantity of verification units	10000 / 10000 / 10000 e	—	30000 e
Physical parameters			
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour touchscreen
Weighing pan dimensions	1000×800 mm	1000×800 mm	800×600 mm
Packaging dimensions	1000×1200×666 mm	1000×1200×666 mm	800×1000×537 mm
Net weight	126 kg	126 kg	71,5 kg
Gross weight	160 kg	160 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)
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)	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)
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
Relative humidity	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

	HY10.300.HRP.H High Resolution Scale	HY10.300.1.HRP.H.M2.1 High Resolution Scale	HY10.2000.HRP.H.M3 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	300 kg	300 kg	500 / 1000 / 2000 kg
Minimum load	50 g	50 g	1000 / 2000 / 4000 g
Preload range	60 kg	60 kg	200 kg
Readability [d]	1 g	1 g	50 / 100 / 200 g
Verification unit [e]		10 g	50 / 100 / 200 g
Tare range	-300 kg	-300 kg	-2000 kg
Repeatability	3 g	3 g	15 / 30 / 60 g
Linearity	±6 g	±6 g	±50 / ±100 / ±200 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class		II	III
Maximum quantity of verification units	—	30000 e	10000 e / 10000 e / 10000 e
Physical parameters			
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour touchscreen
Weighing pan dimensions	800×600 mm	1000×800 mm	1250×1000 mm
Packaging dimensions	800×1000×537 mm	1000×1200×666 mm	—
Net weight	71,5 kg	126 kg	
Gross weight	119 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)
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)	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)
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
Relative humidity	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

	HY10.600.HRP.H.M2.1 High Resolution Scale	HY10.600.HRP.H High Resolution Scale	HY10.600.HRP.H.M2.2 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	600 kg	600 kg	600 kg
Minimum load	500 g	250 g	1000 g
Preload range	60 kg	60 kg	60 kg
Readability [d]	10 g	5 g	20 g
Verification unit [e]	100 g		20 g
Tare range	-600 kg	-600 kg	-600 kg
Repeatability	7,5 g	7,5 g	7,5 g
Linearity	±15 g	±15 g	±20 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	II		II
Maximum quantity of verification units	6000 e		30000 e
Physical parameters			
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour touchscreen
Weighing pan dimensions	1000×800 mm	1000×800 mm	1000×800 mm
Packaging dimensions	1000×1200×666 mm	1000×1200×666 mm	1000×1200×666 mm
Net weight	126 kg	126 kg	126 kg
Gross weight	160 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)
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)	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)
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
Relative humidity	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

	HY10.1100.HRP.H High Resolution Scale	HY10.1100.HRP.H.M2.1 High Resolution Scale	HY10.1100.HRP.H.M2.2 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	1100 kg	1100 kg	1100 kg
Minimum load	500 g	500 g	2500 g
Preload range	100 kg	100 kg	100 kg
Readability [d]	10 g	10 g	50 g
Verification unit [e]		100 g	50 g
Tare range	-1100 kg	-1100 kg	-1100 kg
Repeatability	15 g	15 g	15 g
Linearity	±30 g	±30 g	±50 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class		II	II
Maximum quantity of verification units		11000 e	22000 e
Physical parameters			
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour touchscreen
Weighing pan dimensions	1000×800 mm	1000×800 mm	1000×800 mm
Packaging dimensions	1000×1200×666 mm	1000×1200×666 mm	1000×1200×666 mm
Net weight	126 kg	126 kg	126 kg
Gross weight	160 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)
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)	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)
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
Relative humidity	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

	HY10.2000.HRP.H.M2.1 High Resolution Scale	HY10.2000.HRP.H High Resolution Scale
Metrological parameters		
Maximum capacity [Max]	2000 kg	2000 kg
Minimum load	500 g	500 g
Preload range	200 kg	200 kg
Readability [d]	10 g	10 g
Verification unit [e]	100 g	
Tare range	-2000 kg	-2000 kg
Repeatability	30 g	30 g
Linearity	±60 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" graphic colour touchscreen	10" graphic colour touchscreen
Weighing pan dimensions	1250×1000 mm	1250×1000 mm
Packaging dimensions		1250×1500×843 mm
Net weight		300 kg
Gross weight		425 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)
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)
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
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)
Transponder card readers
Label Printers
Stands, wall mounting kits and mounting brackets

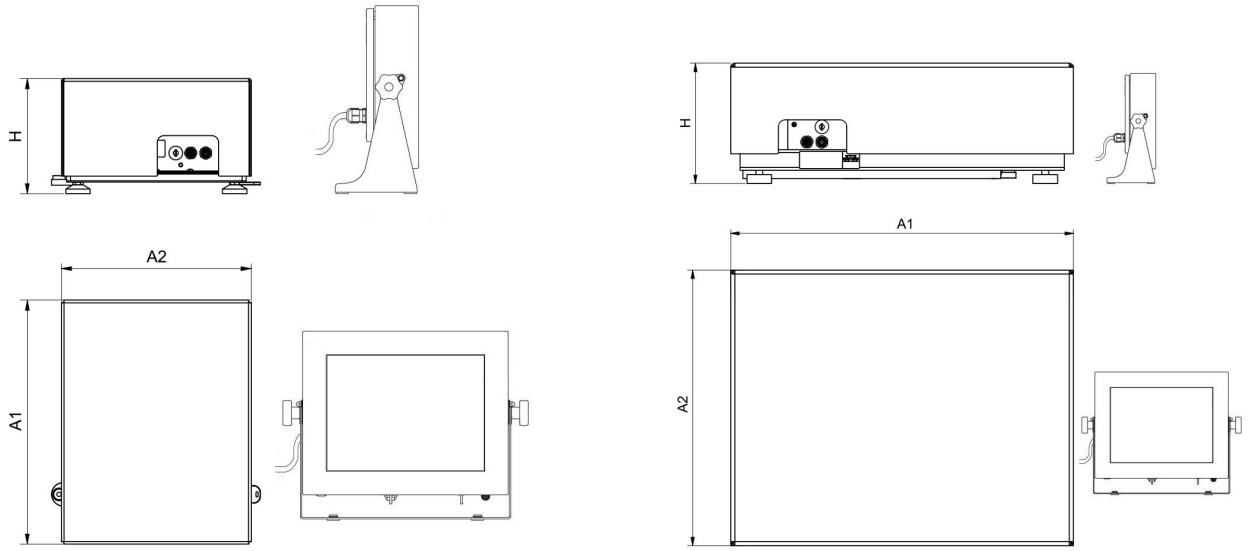
RS 232 cables (scale - ZEBRA printer)
RS 232 cables (scale - Ethernet)
Displays
Antivibration Tables
RS 232, RS 485 cables
IN/OUT Cables
Barcode scanners
Keypad, external switches
Receipt Printer
USB cable (scale - printer)
Additional Weighing platforms Module
Additional modules
RS 232 – USB Converter

Software

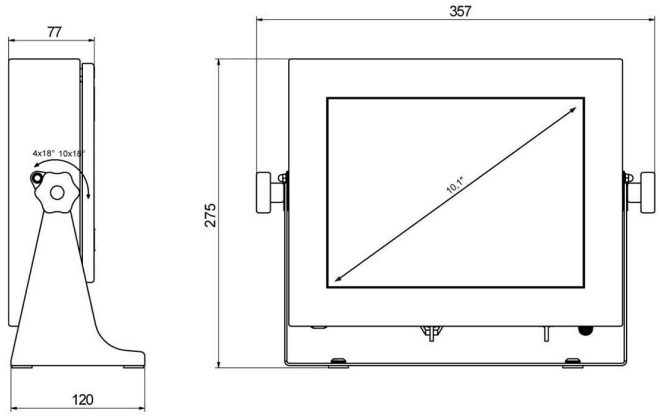
E2R System
Audit Trail Reader
RADWAG Remote Desktop
Scales Editor 2.1
RAD-KEY
Label Editor R02
R-LAB
RADWAG Development Studio

Device dimensions

HY10.10.HRP.H High Resolution Scale, HY10.150.1.HRP.H High Resolution Scale, HY10.62.HRP.H.M2.1 High Resolution Scale, HY10.62.HRP.H.M2.2 High Resolution Scale, HY10.32.HRP.H.M2.1 High Resolution Scale, HY10.120.2.HRP.H High Resolution Scale, HY10.1100.HRP.H High Resolution Scale, HY10.300.HRP.H.M2.1 High Resolution Scale, HY10.16.HRP.H.M2.1 High Resolution Scale, HY10.150.1.HRP.H.M2.1 High Resolution Scale, HY10.300.1.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, HY10.1100.HRP.H.M2.2 High Resolution Scale, HY10.600.HRP.H.M2.1 High Resolution Scale, HY10.2000.HRP.H High Resolution Scale, HY10.2000.HRP.H.M3 High Resolution Scale, HY10.1000.HRP.H.M3 High Resolution Scale, HY10.300.HRP.H High Resolution Scale, HY10.16.HRP.H High Resolution Scale, HY10.150.1.HRP.H.M2.2 High Resolution Scale, HY10.1100.HRP.H.M2.1 High Resolution Scale, HY10.600.HRP.H High Resolution Scale, HY10.62.2.HRP.H High Resolution Scale, HY10.2000.HRP.H.M2.1 High Resolution Scale, HY10.150.2.HRP.H High Resolution Scale, HY10.120.HRP.H.M2.1 High Resolution Scale, HY10.120.HRP.H.M2.2 High Resolution Scale, HY10.600.HRP.H.M2.2 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