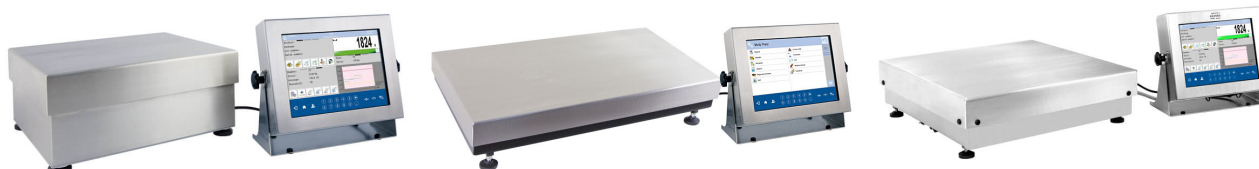


HY10.32.HRP.M3 High Resolution Scale, HY10.300.HRP.M2.2 High Resolution Scale, HY10.120.HRP High Resolution Scale, HY10.300.1.HRP.M2.2 High Resolution Scale, HY10.150.HRP.M2.2 High Resolution Scale, HY10.16.HRP High Resolution Scale, HY10.300.HRP High Resolution Scale, HY10.62.HRP.M3 High Resolution Scale, HY10.150.HRP.M3 High Resolution Scale, HY10.600.HRP.M2.2 High Resolution Scale, HY10.62.HRP.M2.1 High Resolution Scale, HY10.62.HRP.M2.2 High Resolution Scale, HY10.150.HRP High Resolution Scale, HY10.600.HRP.M2.1 High Resolution Scale, HY10.300.1.HRP.M2.1 High Resolution Scale, HY10.1100.HRP High Resolution Scale, HY10.32.HRP.M2.2 High Resolution Scale, HY10.1100.HRP.M3 High Resolution Scale, HY10.1100.HRP.M2.1 High Resolution Scale, HY10.1100.HRP.M2.2 High Resolution Scale, HY10.32.HRP.M2.1 High Resolution Scale, HY10.32.HRP High Resolution Scale, HY10.120.HRP.M3 High Resolution Scale, HY10.16.HRP.M3 High Resolution Scale, HY10.300.1.HRP High Resolution Scale, HY10.10.HRP High Resolution Scale, HY10.300.HRP.M3 High Resolution Scale, HY10.16.HRP.M2.2 High Resolution Scale, HY10.300.1.HRP.M3 High Resolution Scale, HY10.16.HRP.M2.1 High Resolution Scale, HY10.150.HRP.M2.1 High Resolution Scale, HY10.300.HRP.M2.1 High Resolution Scale, HY10.62.HRP High Resolution Scale, HY10.120.HRP.M2.1 High Resolution Scale, HY10.120.HRP.M2.2 High Resolution Scale, HY10.600.HRP.M3 High Resolution Scale, HY10.600.HRP High Resolution Scale



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



HY10.32.HRP.M3 High Resolution Scale
HY10.16.HRP High Resolution Scale
HY10.32.HRP.M2.2 High Resolution Scale
HY10.32.HRP.M2.1 High Resolution Scale
HY10.32.HRP High Resolution Scale
HY10.16.HRP.M3 High Resolution Scale
HY10.10.HRP High Resolution Scale
HY10.16.HRP.M2.2 High Resolution Scale
HY10.16.HRP.M2.1 High Resolution Scale

HY10.300.HRP.M2.2 High Resolution Scale
HY10.300.1.HRP.M2.2 High Resolution Scale
HY10.150.HRP.M2.2 High Resolution Scale
HY10.300.HRP High Resolution Scale
HY10.150.HRP.M3 High Resolution Scale
HY10.600.HRP.M2.2 High Resolution Scale
HY10.150.HRP High Resolution Scale
HY10.600.HRP.M2.1 High Resolution Scale
HY10.300.1.HRP.M2.1 High Resolution Scale
HY10.1100.HRP High Resolution Scale
HY10.1100.HRP.M3 High Resolution Scale
HY10.1100.HRP.M2.1 High Resolution Scale
HY10.1100.HRP.M2.2 High Resolution Scale
HY10.300.1.HRP High Resolution Scale
HY10.300.HRP.M3 High Resolution Scale
HY10.300.1.HRP.M3 High Resolution Scale
HY10.150.HRP.M2.1 High Resolution Scale
HY10.300.HRP.M2.1 High Resolution Scale
HY10.600.HRP.M3 High Resolution Scale
HY10.600.HRP High Resolution Scale

HY10.120.HRP High Resolution Scale
HY10.62.HRP.M3 High Resolution Scale
HY10.62.HRP.M2.1 High Resolution Scale
HY10.62.HRP.M2.2 High Resolution Scale
HY10.120.HRP.M3 High Resolution Scale
HY10.62.HRP High Resolution Scale
HY10.120.HRP.M2.1 High Resolution Scale
HY10.120.HRP.M2.2 High Resolution Scale

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

	HY10.16.HRP.M3 High Resolution Scale	HY10.10.HRP High Resolution Scale	HY10.32.HRP.M3 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	5 / 10 / 16 kg	10 kg	10 / 20 / 32 kg
Minimum load	10 / 20 / 40 g	5 g	20 / 40 / 100 g
Preload range	4 kg	4 kg	4 kg
Readability [d]	0,5 / 1 / 2 g	0,02 g	1 / 2 / 5 g
Tare range	-16 kg	-10 kg	-32 kg
Verification scale interval [e]	0,5 / 1 / 2 g	—	1 / 2 / 5 g
Maximum quantity of verification units	10000 / 10000 / 8000 e		10000 / 10000 / 6400 e
Repeatability	0,15 / 0,3 / 0,6 g	0,03 g	0,3 / 0,6 / 1,5 g
Linearity	±0,5 / ±1 / ±2 g	±0,06 g	±1 / ±2 / ±5 g
Stabilization time	2 s	2 s	2 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	III	—	III
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
Net weight	24,7 kg	24,7 kg	24,7 kg
Gross weight	28,7 kg	28,7 kg	28,7 kg
Communication interface			
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
Relative humidity	40% ÷ 80%	40% ÷ 80%	40% ÷ 80%

Datasheet

	HY10.16.HRP.M2.2 High Resolution Scale	HY10.16.HRP High Resolution Scale	HY10.16.HRP.M2.1 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	16 kg	16 kg	16 kg
Minimum load	50 g	5 g	5 g
Preload range	4 kg	4 kg	4 kg
Readability [d]	1 g	0,1 g	0,1 g
Tare range	-16 kg	-16 kg	-16 kg
Verification scale interval [e]	1 g	—	1 g
Maximum quantity of verification units	16000 e		16000 e
Repeatability	0,3 g	0,1 g	0,1 g
Linearity	±1 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	—	II
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
Net weight	24,7 kg	24,7 kg	24,7 kg
Gross weight	28,7 kg	28,7 kg	28,7 kg
Communication interface			
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
Relative humidity	40% ÷ 80%	40% ÷ 80%	40% ÷ 80%

Datasheet

	HY10.62.HRP.M3 High Resolution Scale	HY10.32.HRP.M2.1 High Resolution Scale	HY10.32.HRP High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	20 / 50 / 62 kg	32 kg	32 kg
Minimum load	40 / 100 / 200 g	5 g	5 g
Preload range	30 kg	4 kg	4 kg
Readability [d]	2 / 5 / 10 g	0,1 g	0,1 g
Tare range	-62 kg	-32 kg	-32 kg
Verification scale interval [e]	2 / 5 / 10 g	1 g	—
Maximum quantity of verification units	10000 / 10000 / 6200 e	32000 e	
Repeatability	0,6 / 1,5 / 3 g	0,1 g	0,1 g
Linearity	±2 / ±5 / ±10 g	±0,3 g	±0,3 g
Stabilization time	3 s	2 s	2 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	III	II	—
Physical parameters			
Display	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen
Weighing pan dimensions	500×500 mm	360×280 mm	360×280 mm
Net weight	37 kg	24,7 kg	24,7 kg
Gross weight	52 kg	28,7 kg	28,7 kg
Communication interface			
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
Relative humidity	40% ÷ 80%	40% ÷ 80%	40% ÷ 80%

Datasheet

	HY10.32.HRP.M2.2 High Resolution Scale	HY10.120.HRP.M3 High Resolution Scale	HY10.150.HRP.M3 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	32 kg	50 / 100 / 120 kg	50 / 100 / 150 kg
Minimum load	50 g	100 / 200 / 400 g	100 / 200 / 400 g
Preload range	4 kg	10 kg	30 kg
Readability [d]	2 g	5 / 10 / 20 g	5 / 10 / 20 g
Tare range	-32 kg	-120 kg	-150 kg
Verification scale interval [e]	2 g	5 / 10 / 20 g	5 / 10 / 20 g
Maximum quantity of verification units	16000 e	10000 / 10000 / 6000 e	10000 / 10000 / 7500 e
Repeatability	0,6 g	1,5 / 3 / 6 g	1,5 / 3 / 6 g
Linearity	±2 g	±5 / ±10 / ±20 g	±5 / ±10 / ±20 g
Stabilization time	2 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	II	III	III
Physical parameters			
Display	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen
Weighing pan dimensions	360×280 mm	500×500 mm	800×600 mm
Net weight	24,7 kg	37 kg	71,5 kg
Gross weight	28,7 kg	52 kg	119 kg
Communication interface			
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
Relative humidity	40% ÷ 80%	40% ÷ 80%	40% ÷ 80%

Datasheet

	HY10.62.HRP.M2.1 High Resolution Scale	HY10.62.HRP.M2.2 High Resolution Scale	HY10.62.HRP High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	62 kg	62 kg	62 kg
Minimum load	50 g	100 g	25 g
Preload range	30 kg	30 kg	30 kg
Readability [d]	1 g	2 g	0,5 g
Tare range	-62 kg	-62 kg	-62 kg
Verification scale interval [e]	10 g	2 g	—
Maximum quantity of verification units	6200 e	31000 e	
Repeatability	0,3 g	0,6 g	0,3 g
Linearity	±1 g	±2 g	±1 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	II	II	—
Physical parameters			
Display	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen
Weighing pan dimensions	500×500 mm	500×500 mm	500×500 mm
Net weight	37 kg	37 kg	37 kg
Gross weight	52 kg	52 kg	52 kg
Communication interface			
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
Relative humidity	40% ÷ 80%	40% ÷ 80%	40% ÷ 80%

Datasheet

	HY10.300.HRP.M3 High Resolution Scale	HY10.300.1.HRP.M3 High Resolution Scale	HY10.120.HRP.M2.1 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	100 / 200 / 300 kg	100 / 200 / 300 kg	120 kg
Minimum load	200 / 400 / 1000 g	200 / 400 / 1000 g	50 g
Preload range	60 kg	60 kg	10 kg
Readability [d]	10 / 20 / 50 g	10 / 20 / 50 g	1 g
Tare range	-300 kg	-300 kg	-120 kg
Verification scale interval [e]	10 / 20 / 50 g	10 / 20 / 50 g	10 g
Maximum quantity of verification units	10000 / 10000 / 6000 e	10000 / 10000 / 6000 e	12000 e
Repeatability	3 / 6 / 15 g	3 / 6 / 15 g	0,6 g
Linearity	±10 / ±20 / ±50 g	±10 / ±20 / ±50 g	±2 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	III	III	II
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	500×500 mm
Net weight	71,5 kg	71,5 kg	37 kg
Gross weight	119 kg	119 kg	52 kg
Communication interface			
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
Relative humidity	40% ÷ 80%	40% ÷ 80%	40% ÷ 80%

Datasheet

	HY10.120.HRP High Resolution Scale	HY10.120.HRP.M2.2 High Resolution Scale	HY10.150.HRP.M2.2 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	120 kg	120 kg	150 kg
Minimum load	50 g	250 g	250 g
Preload range	10 kg	10 kg	30 kg
Readability [d]	1 g	5 g	5 g
Tare range	-120 kg	-120 kg	-150 kg
Verification scale interval [e]	—	5 g	5 g
Maximum quantity of verification units		24000 e	30000 e
Repeatability	0,6 g	1,5 g	1,5 g
Linearity	±2 g	±5 g	±5 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	—	II	II
Physical parameters			
Display	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen
Weighing pan dimensions	500×500 mm	500×500 mm	800×600 mm
Net weight	37 kg	37 kg	71,5 kg
Gross weight	52 kg	52 kg	119 kg
Communication interface			
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
Relative humidity	40% ÷ 80%	40% ÷ 80%	40% ÷ 80%

Datasheet

	HY10.150.HRP High Resolution Scale	HY10.150.HRP.M2.1 High Resolution Scale	HY10.1100.HRP.M3 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	150 kg	150 kg	200 / 500 / 1000 kg
Minimum load	50 g	50 g	400 / 1000 / 2000 g
Preload range	30 kg	30 kg	60 kg
Readability [d]	1 g	1 g	20 / 50 / 100 g
Tare range	-150 kg	-150 kg	-1000 kg
Verification scale interval [e]	—	10 g	20 / 50 / 100 g
Maximum quantity of verification units		15000 e	10000 / 10000 / 10000 e
Repeatability	1,5 g	1,5 g	15 / 15 / 30 g
Linearity	±3 g	±3 g	±20 / ±50 / ±100 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	—	II	II
Physical parameters			
Display	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen
Weighing pan dimensions	800×600 mm	800×600 mm	1000×800 mm
Net weight	71,5 kg	71,5 kg	126 kg
Gross weight	119 kg	119 kg	160 kg
Communication interface			
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
Relative humidity	40% ÷ 80%	40% ÷ 80%	40% ÷ 80%

Datasheet

	HY10.600.HRP.M3 High Resolution Scale	HY10.300.HRP.M2.2 High Resolution Scale	HY10.300.1.HRP.M2.2 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	200 / 500 / 600 kg	300 kg	300 kg
Minimum load	400 / 1000 / 2000 g	1000 g	1000 g
Preload range	60 kg	60 kg	60 kg
Readability [d]	20 / 50 / 100 g	20 g	20 g
Tare range	-600 kg	-300 kg	-300 kg
Verification scale interval [e]	20 / 50 / 100 g	20 g	20 g
Maximum quantity of verification units	10000 / 10000 / 6000 e	15000 e	15000 e
Repeatability	7,5 / 15 / 30 g	6 g	6 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	II	II	II
Physical parameters			
Display	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen
Weighing pan dimensions	1000×800 mm	800×600 mm	1000×800 mm
Net weight	126 kg	71,5 kg	71,5 kg
Gross weight	160 kg	119 kg	119 kg
Communication interface			
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
Relative humidity	40% ÷ 80%	40% ÷ 80%	40% ÷ 80%

Datasheet

	HY10.300.HRP High Resolution Scale	HY10.300.1.HRP.M2.1 High Resolution Scale	HY10.300.HRP.M2.1 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	300 kg	300 kg	300 kg
Minimum load	100 g	50 g	50 g
Preload range	60 kg	60 kg	60 kg
Readability [d]	1 g	1 g	1 g
Tare range	-300 kg	-300 kg	-300 kg
Verification scale interval [e]	—	10 g	10 g
Maximum quantity of verification units		30000 e	30000 e
Repeatability	3 g	3 g	3 g
Linearity	±6 g	±6 g	±6 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	—	II	II
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	800×600 mm
Net weight	71,5 kg	71,5 kg	71,5 kg
Gross weight	119 kg	119 kg	119 kg
Communication interface			
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
Relative humidity	40% ÷ 80%	40% ÷ 80%	40% ÷ 80%

Datasheet

	HY10.300.1.HRP High Resolution Scale	HY10.600.HRP.M2.2 High Resolution Scale	HY10.600.HRP High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	300 kg	600 kg	600 kg
Minimum load	100 g	1000 g	250 g
Preload range	60 kg	60 kg	60 kg
Readability [d]	1 g	20 g	5 g
Tare range	-300 kg	-600 kg	-600 kg
Verification scale interval [e]	—	20 g	—
Maximum quantity of verification units		30000 e	
Repeatability	3 g	7,5 g	7,5 g
Linearity	±6 g	±20 g	±15 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	—	II	—
Physical parameters			
Display	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen
Weighing pan dimensions	1000×800 mm	1000×800 mm	1000×800 mm
Net weight	126 kg	126 kg	126 kg
Gross weight	160 kg	160 kg	160 kg
Communication interface			
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
Relative humidity	40% ÷ 80%	40% ÷ 80%	40% ÷ 80%

Datasheet

	HY10.600.HRP.M2.1 High Resolution Scale	HY10.1100.HRP.M2.1 High Resolution Scale	HY10.1100.HRP.M2.2 High Resolution Scale
Metrological parameters			
Maximum capacity [Max]	600 kg	1100 kg	1100 kg
Minimum load	500 g	500 g	2500 g
Preload range	60 kg	100 kg	100 kg
Readability [d]	10 g	10 g	50 g
Tare range	-600 kg	-1100 kg	-1100 kg
Verification scale interval [e]	100 g	100 g	50 g
Maximum quantity of verification units	6000 e	11000 e	22000 e
Repeatability	7,5 g	15 g	15 g
Linearity	±15 g	±30 g	±50 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	II	II	II
Physical parameters			
Display	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen	10,1" graphic colour touchscreen
Weighing pan dimensions	1000×800 mm	1000×800 mm	1000×800 mm
Net weight	126 kg	126 kg	126 kg
Gross weight	160 kg	160 kg	160 kg
Communication interface			
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
Relative humidity	40% ÷ 80%	40% ÷ 80%	40% ÷ 80%

Datasheet

	HY10.1100.HRP High Resolution Scale
Metrological parameters	
Maximum capacity [Max]	1100 kg
Minimum load	500 g
Preload range	100 kg
Readability [d]	10 g
Tare range	-1100 kg
Verification scale interval [e]	—
Maximum quantity of verification units	
Repeatability	15 g
Linearity	±30 g
Stabilization time	3 s
Adjustment	internal (automatic)
OIML Class	—
Physical parameters	
Display	10,1" graphic colour touchscreen
Weighing pan dimensions	1000×800 mm
Net weight	126 kg
Gross weight	160 kg
Communication interface	
USB	×2
Ethernet	×1
RS232	×2
Optional add-on modules	
Wi-Fi module (option)	802.11 b/g/n
RS485 module (option)	1
Profibus module (option)	DP SLAVE
PROFINET module (option)	1 × RJ45
Analog output module (option)	4-20mA, 0-20mA, 0-10V
Inputs/Outputs (option)	12IN / 12OUT (IN – 5-24 VDC, OUT – max 30 VDC, 0,5 ADC)
Electrical parameters	
Power supply	100 ÷ 240 V AC 50 / 60 Hz
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
Relative humidity	40% ÷ 80%

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



Accessories

Receipt Printer
 RS 232 cables (scale - ZEBRA printer)
 RS 232 cables (scale - EPSON printer)
 Barcode scanners
 Label Printers
 Displays

Antivibration Tables for Industrial Scales
 RS 232, RS 485 cables
 Keypad, external switches
 RS 232 cables (terminal - terminal)
 USB cable (scale - printer)
 RS 232 – USB Converter

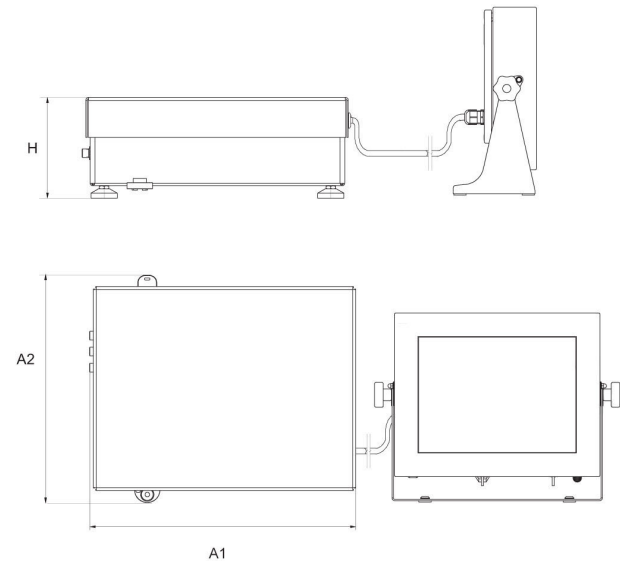
Software

E2R System
Audit Trail Reader
RADWAG Connect
RADWAG Remote Desktop
RADWAG Development Studio
Scales Editor 2.0

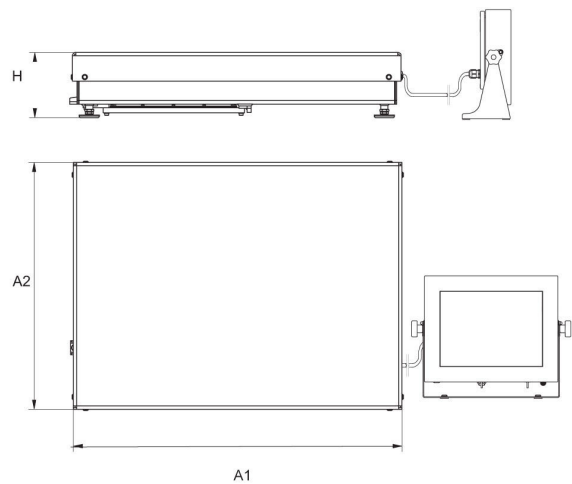
RAD-KEY
LabVIEW Driver
Label Editor R02
R-LAB
R.Barcode

Device dimensions

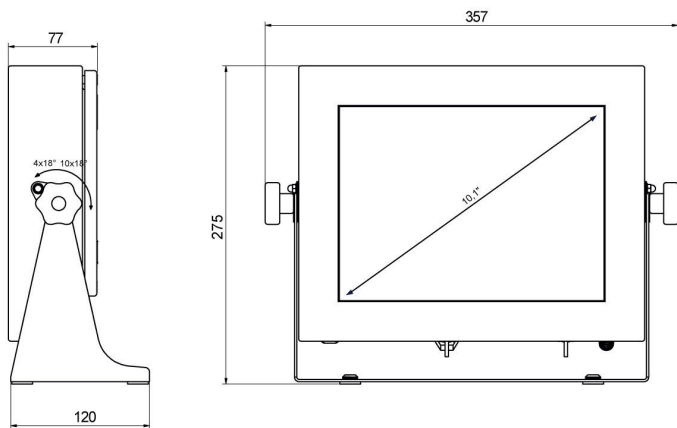
HY10.32.HRP.M3 High Resolution Scale, HY10.300.HRP.M2.2 High Resolution Scale, HY10.120.HRP High Resolution Scale, HY10.300.1.HRP.M2.2 High Resolution Scale, HY10.150.HRP.M2.2 High Resolution Scale, HY10.16.HRP High Resolution Scale, HY10.300.HRP High Resolution Scale, HY10.62.HRP.M3 High Resolution Scale, HY10.150.HRP.M3 High Resolution Scale, HY10.600.HRP.M2.2 High Resolution Scale, HY10.62.HRP.M2.1 High Resolution Scale, HY10.62.HRP.M2.2 High Resolution Scale, HY10.150.HRP High Resolution Scale, HY10.600.HRP.M2.1 High Resolution Scale, HY10.300.1.HRP.M2.1 High Resolution Scale, HY10.1100.HRP High Resolution Scale, HY10.32.HRP.M2.2 High Resolution Scale, HY10.1100.HRP.M3 High Resolution Scale, HY10.1100.HRP.M2.1 High Resolution Scale, HY10.1100.HRP.M2.2 High Resolution Scale, HY10.32.HRP.M2.1 High Resolution Scale, HY10.120.HRP.M3 High Resolution Scale, HY10.16.HRP.M3 High Resolution Scale, HY10.300.1.HRP High Resolution Scale, HY10.10.HRP High Resolution Scale, HY10.300.HRP.M3 High Resolution Scale, HY10.16.HRP.M2.2 High Resolution Scale, HY10.300.1.HRP.M3 High Resolution Scale, HY10.16.HRP.M2.1 High Resolution Scale, HY10.150.HRP.M2.1 High Resolution Scale, HY10.300.HRP.M2.1 High Resolution Scale, HY10.62.HRP High Resolution Scale, HY10.120.HRP.M2.1 High Resolution Scale, HY10.120.HRP.M2.2 High Resolution Scale, HY10.600.HRP.M3 High Resolution Scale, HY10.600.HRP High Resolution Scale



HY10.16 - 32.HRP



HY10.HRP



PUE HY10

Scale type	A1	A2	H
HY10.16 - 32.HRP	360	280	145 ± 5
HY10.62 - 120.HRP	500	500	158 ± 5
HY10.150 - 300.HRP	800	600	160 ± 5
HY10.300.1 - 1100.HRP	1000	800	186 ± 5
HY10.2000.HRP	1250	1000	247 ± 5

dimensions in mm