



More information on the website
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CY10.6/12.D2.K Precision Balance, CY10.30/60.C2.K Precision Balance, CY10.12.F1.K Precision Balance, CY10.60/120.C2.K Precision Balance, CY10.3/6.D2.K Precision Balance, CY10.6.F1.K.M2 Precision Balance, CY10.12/30.F1.K Precision Balance, CY10.30.F1.K Precision Balance, CY10.120.C2.K Precision Balance, CY10.2.D2.K Precision Balance, CY10.10.D2.K Precision Balance, CY10.1.D2.K Precision Balance, CY10.60.C2.K.M2 Precision Balance, CY10.6/12.F1.K Precision Balance, CY10.20.D2.K Precision Balance, CY10.6.D2.K.M2 Precision Balance



CY10.6/12.D2.K Precision Balance
CY10.3/6.D2.K Precision Balance
CY10.2.D2.K Precision Balance
CY10.10.D2.K Precision Balance
CY10.1.D2.K Precision Balance
CY10.20.D2.K Precision Balance
CY10.6.D2.K.M2 Precision Balance



CY10.30/60.C2.K Precision Balance
CY10.60/120.C2.K Precision Balance
CY10.120.C2.K Precision Balance
CY10.60.C2.K.M2 Precision Balance



CY10.12.F1.K Precision Balance
CY10.6.F1.K.M2 Precision Balance
CY10.12/30.F1.K Precision Balance
CY10.30.F1.K Precision Balance
CY10.6/12.F1.K Precision Balance

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

Functions



Dosing



Percent Weighing



Parts counting



Peak hold



Formulation



IR sensors



Animal weighing



Statistical Quality Control



Wi-Fi

Datasheet

	CY10.1.D2.K Precision Balance WL-225-0001	CY10.2.D2.K Precision Balance WL-225-0002	CY10.3/6.D2.K Precision Balance WL-225-1000
Metrological parameters			
Maximum capacity [Max]	1 kg	2 kg	3 / 6 kg
Minimum load	-	-	-
Readability [d]	0,01 g	0,01 g	0,05 / 0,1 g
Verification unit [e]	-	-	-
Tare range	-1 kg	-2 kg	-6 kg
Repeatability	0,03 g	0,03 g	0,3 g
Linearity	±0,03 g	±0,03 g	±0,1 g
Stabilization time	3 s	3 s	3 s
Adjustment	external	external	external
OIML Class	-	-	-
Physical parameters			
Leveling system	manual	manual	manual
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour touchscreen
Cable length	1 m	1 m	1 m
Weighing pan dimensions	195×195 mm	195×195 mm	195×195 mm
Packaging dimensions	530×310×150 mm	530×310×150 mm	530×310×150 mm
Net weight	3,7 kg	3,7 kg	3,7 kg
Gross weight	4,6 kg	4,6 kg	4,6 kg
Construction			
Protection class	IP 43	IP 43	IP 43
Housing	steel + ABS	steel + ABS	steel + ABS
Communication interface			
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters			
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*
Environmental conditions			
Operating temperature	+15 – +30 °C	+15 – +30 °C	+15 – +30 °C
Storage temperature	-25 – +70 °C	-25 – +70 °C	-25 – +70 °C
Relative humidity	10% – 80% RH no condensation	10% – 80% RH no condensation	10% – 80% RH no condensation

*Power consumption depends on the terminal configuration and the number and type of external devices connected.

Datasheet

	CY10.6/12.D2.K Precision Balance WL-225-1009	CY10.6.D2.K.M2 Precision Balance WL-225-0003	CY10.6/12.F1.K Precision Balance WL-225-1002
Metrological parameters			
Maximum capacity [Max]	6 / 12 kg	6 kg	6 / 12 kg
Minimum load	-	5 g	-
Readability [d]	0,1 / 0,2 g	0,1 g	0,1 / 0,2 g
Verification unit [e]	-	1 g	-
Tare range	-6 kg	-6 kg	-12 kg
Repeatability	0,1 g	0,1 g	0,6 g
Linearity	±0,1 g	±0,1 g	±0,1 g
Stabilization time	3 s	3 s	3 s
Adjustment	external	external	external
OIML Class	-	II	-
Physical parameters			
Leveling system	manual	manual	manual
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour touchscreen
Cable length	1 m	1 m	1 m
Weighing pan dimensions	195×195 mm	195×195 mm	300×300 mm
Packaging dimensions	500×310×150 mm	530×310×150 mm	570×390×170 mm
Net weight	3,7 kg	3,7 kg	6,2 kg
Gross weight	4,6 kg	4,6 kg	7 kg
Construction			
Protection class	IP 43	IP 43	IP 43
Housing	steel + ABS	steel + ABS	steel + ABS
Communication interface			
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters			
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*
Environmental conditions			
Operating temperature	+15 – +30 °C	+15 – +30 °C	+15 – +30 °C
Storage temperature	-25 – +70 °C	-25 – +70 °C	-25 – +70 °C
Relative humidity	10% – 80% RH no condensation	10% – 80% RH no condensation	10% – 80% RH no condensation

*Power consumption depends on the terminal configuration and the number and type of external devices connected.

Datasheet

	CY10.6.F1.K.M2 Precision Balance WL-225-0007	CY10.10.D2.K Precision Balance WL-225-0004	CY10.12/30.F1.K Precision Balance WL-225-1004
Metrological parameters			
Maximum capacity [Max]	6 kg	10 kg	12 / 30 kg
Minimum load	5 g	-	-
Readability [d]	0,1 g	0,1 g	0,2 / 0,5 g
Verification unit [e]	1 g	-	-
Tare range	-6 kg	-10 kg	-30 kg
Repeatability	0,1 g	0,3 g	1 g
Linearity	±0,1 g	±0,3 g	±0,6 g
Stabilization time	3 s	3 s	3 s
Adjustment	external	external	external
OIML Class	II	-	-
Physical parameters			
Leveling system	manual	manual	manual
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour touchscreen
Cable length	1 m	1 m	1 m
Weighing pan dimensions	300×300 mm	195×195 mm	300×300 mm
Packaging dimensions	570×390×170 mm	530×310×150 mm	570×390×170 mm
Net weight	6,2 kg	3,7 kg	6,2 kg
Gross weight	8 kg	4,6 kg	7 kg
Construction			
Protection class	IP 43	IP 43	IP 43
Housing	steel + ABS	steel + ABS	steel + ABS
Communication interface			
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters			
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*
Environmental conditions			
Operating temperature	+15 – +30 °C	+15 – +30 °C	+15 – +30 °C
Storage temperature	-25 – +70 °C	-25 – +70 °C	-25 – +70 °C
Relative humidity	10% – 80% RH no condensation	10% – 80% RH no condensation	10% – 80% RH no condensation

*Power consumption depends on the terminal configuration and the number and type of external devices connected.

Datasheet

	CY10.12.F1.K Precision Balance WL-225-0009	CY10.20.D2.K Precision Balance WL-225-0005	CY10.30.F1.K Precision Balance WL-225-0011
Metrological parameters			
Maximum capacity [Max]	12 kg	20 kg	30 kg
Minimum load	-	-	-
Readability [d]	0,2 g	0,1 g	0,5 g
Verification unit [e]	-	-	-
Tare range	-12 kg	-20 kg	-30 kg
Repeatability	0,6 g	0,3 g	1 g
Linearity	±0,6 g	±0,3 g	±1 g
Stabilization time	3 s	3 s	3 s
Adjustment	external	external	external
OIML Class	-	-	-
Physical parameters			
Leveling system	manual	manual	manual
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour touchscreen
Cable length	1 m	1 m	1 m
Weighing pan dimensions	300×300 mm	195×195 mm	300×300 mm
Packaging dimensions	570×390×170 mm	530×310×150 mm	570×390×170 mm
Net weight	6,2 kg	3,7 kg	6,2 kg
Gross weight	7 kg	4,6 kg	7 kg
Construction			
Protection class	IP 43	IP 43	IP 43
Housing	steel + ABS	steel + ABS	steel + ABS
Communication interface			
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters			
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*
Environmental conditions			
Operating temperature	+15 – +30 °C	+15 – +30 °C	+15 – +30 °C
Storage temperature	-25 – +70 °C	-25 – +70 °C	-25 – +70 °C
Relative humidity	10% – 80% RH no condensation	10% – 80% RH no condensation	10% – 80% RH no condensation

*Power consumption depends on the terminal configuration and the number and type of external devices connected.

Datasheet

	CY10.30/60.C2.K Precision Balance WL-225-1006	CY10.60.C2.K.M2 Precision Balance WL-225-0013	CY10.60/120.C2.K Precision Balance WL-225-1008
Metrological parameters			
Maximum capacity [Max]	30 / 60 kg	60 kg	60 / 120 kg
Minimum load	-	50 g	-
Readability [d]	0,5 / 1 g	1 g	1 / 2 g
Verification unit [e]	-	10 g	-
Tare range	-60 kg	-60 kg	-120 kg
Repeatability	1,5 g	1,5 g	2 g
Linearity	±3 g	±3 g	±2 g
Stabilization time	3 s	3 s	3 s
Adjustment	external	external	external
OIML Class	-	II	-
Physical parameters			
Leveling system	manual	manual	manual
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour touchscreen
Cable length	2,5 m	2,5 m	2,5 m
Weighing pan dimensions	400×500 mm	400×500 mm	400×500 mm
Packaging dimensions	720×620×210 mm	720×620×210 mm	720×620×210 mm
Net weight	13,5 kg	13,5 kg	13,5 kg
Gross weight	16 kg	16 kg	16 kg
Construction			
Protection class	IP 43	IP 43	IP 43
Housing	steel + ABS	steel + ABS	steel + ABS
Communication interface			
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters			
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*
Environmental conditions			
Operating temperature	+15 – +30 °C	+15 – +30 °C	+15 – +30 °C
Storage temperature	-25 – +70 °C	-25 – +70 °C	-25 – +70 °C
Relative humidity	10% – 80% RH no condensation	10% – 80% RH no condensation	10% – 80% RH no condensation

*Power consumption depends on the terminal configuration and the number and type of external devices connected.

Datasheet

	CY10.120.C2.K Precision Balance WL-225-0015
Metrological parameters	
Maximum capacity [Max]	120 kg
Minimum load	-
Readability [d]	2 g
Verification unit [e]	-
Tare range	-120 kg
Repeatability	2 g
Linearity	±2 g
Stabilization time	3 s
Adjustment	external
OIML Class	-
Physical parameters	
Leveling system	manual
Display	10" graphic colour touchscreen
Cable length	2,5 m
Weighing pan dimensions	400×500 mm
Packaging dimensions	720×620×210 mm
Net weight	13,5 kg
Gross weight	16 kg
Construction	
Protection class	IP 43
Housing	steel + ABS
Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*
Environmental conditions	
Operating temperature	+15 – +30 °C
Storage temperature	-25 – +70 °C
Relative humidity	10% – 80% RH no condensation

*Power consumption depends on the terminal configuration and the number and type of external devices connected.

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



Accessories (Additional Fee)

MediaBox
Mild steel powder coated weighing platforms
HRP Platforms High Capacity
RFID Tags
Power Adapters
Additional Weighing platforms Module
Mild steel powder coated weighing platforms

Protective cover for balances
Barcode scanners
Under-pan weighing
RS 232, RS 485 cables
Label Printers
RS 232, RS 485 cables
Stands, wall mounting kits and mounting brackets

Additional modules
Platforms in plastic casing
Professional Weighing Tables

Receipt Printer
Fingerprint Reader
RS 232 – USB Converter

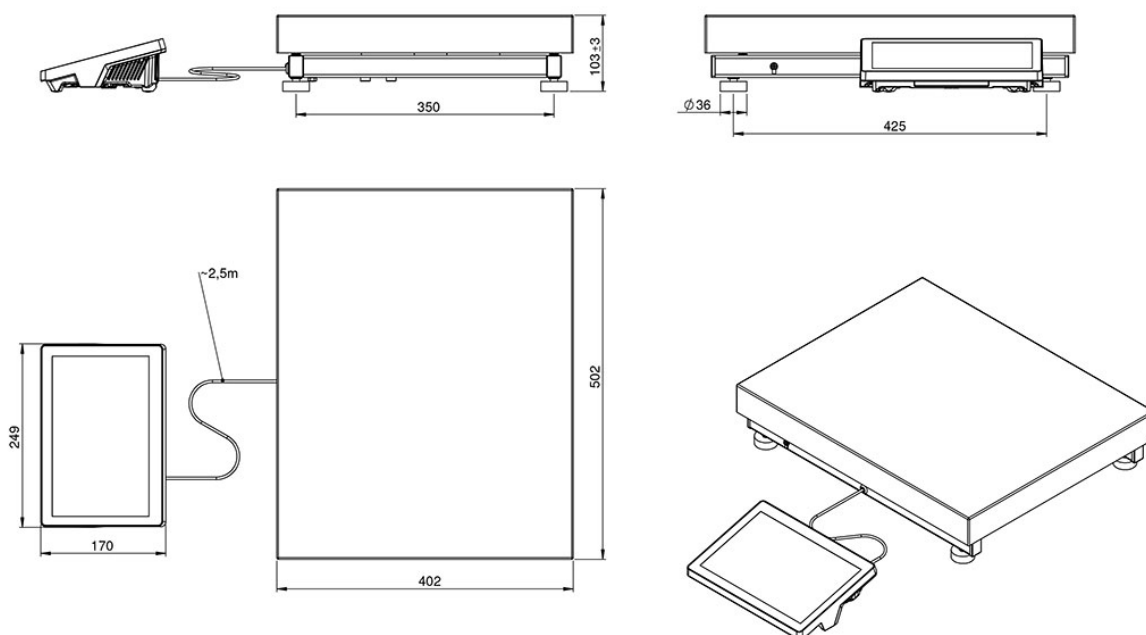
Software (Additional Fee)

E2R System
Label Editor R02
Scales Editor 2.1

RAD-KEY
RADWAG Remote Desktop

Device dimensions

CY10.30/60.C2.K Precision Balance, CY10.60/120.C2.K Precision Balance, CY10.120.C2.K Precision Balance, CY10.60.C2.K.M2 Precision Balance



CY10.12.F1.K Precision Balance, CY10.6.F1.K.M2 Precision Balance, CY10.12/30.F1.K Precision Balance, CY10.30.F1.K Precision Balance, CY10.6/12.F1.K Precision Balance

