



More information on the website
radwag.com/en/info,w1,1YD

C32.10.PM Precision Balance, C32.60.PM Precision Balance, C32.25.PM Precision Balance,
C32.60.PM.05 Precision Balance, C32.35.PM Precision Balance, C32.15.PM Precision Balance,
C32.60.PM.1 Precision Balance, C32.120.PM Precision Balance



C32.10.PM Precision Balance
C32.15.PM Precision Balance



C32.60.PM Precision Balance
C32.60.PM.05 Precision Balance
C32.60.PM.1 Precision Balance
C32.120.PM Precision Balance



C32.25.PM Precision Balance
C32.35.PM Precision Balance

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

Functions



Labelling



Plus/Minus Control



Percent Weighing



Totalizing



Parts counting



Newton unit
measurement



Statistics



IR sensors



GLP Procedures



Animal weighing



Density determination



Replaceable unit



ALIBI Memory

Datasheet

	C32.10.PM Precision Balance	C32.15.PM Precision Balance	C32.25.PM Precision Balance
Metrological parameters			
Maximum capacity [Max]	10 kg	15 kg	25 kg
Minimum load	0,5 g	-	5 g
Preload range	1 kg	1,5 kg	2,5 kg
Readability [d]	0,01 g	0,01 g	0,1 g
Verification unit [e]	0,1 g		1 g
Tare range	-10 kg	-15 kg	-25 kg
Minimum weight (USP)	8,2 g	8,2 g	82 g
Minimum weight (U=1%,k=2)	0,82 g	0,82 g	8,2 g
Repeatability (Max)	0,01 g	0,015 g	0,1 g
Repeatability (5% Max)	0,004 g	0,004 g	0,04 g
Linearity	±0,025 g	±0,03 g	±0,3 g
Stabilization time	1 s	1 s	1 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	II	-	II
Physical parameters			
Leveling system	manual	manual	manual
Display	5" graphic colour	5" graphic colour	5" graphic colour
Weighing pan dimensions	200×185 mm	200×185 mm	350×260 mm
Packaging dimensions	520×520×280 mm	520×520×280 mm	520×520×280 mm
Net weight	10 kg	10 kg	11 kg
Gross weight	13,5 kg	13 kg	15,5 kg
Construction			
Protection class	IP 43	IP 43	IP 43
Communication interface			
Communication interface	2×RS232, USB-A, USB-B, Ethernet, 4 IN / 4 OUT (digital), Wi-Fi	2×RS232, USB-A, USB-B, Ethernet, 4 IN / 4 OUT (digital), Wi-Fi	2×RS232, USB-A, USB-B, Ethernet, 4 IN / 4 OUT (digital), Wi-Fi
Electrical parameters			
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 12V DC 1A max	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 12V DC 1A max	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 12V DC 1A max
Environmental conditions			
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C	+10 ÷ +40 °C

Repeatability is expressed as a standard deviation from 10 weighing cycles. Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.

Datasheet

	C32.35.PM Precision Balance	C32.60.PM.1 Precision Balance	C32.60.PM.05 Precision Balance
Metrological parameters			
Maximum capacity [Max]	35 kg	60 kg	60 kg
Minimum load	5 g	10 g	-
Preload range	3,5 kg	6 kg	6 kg
Readability [d]	0,1 g	1 g	0,5 g
Verification unit [e]	1 g	1 g	
Tare range	-35 kg	-60 kg	-60 kg
Minimum weight (USP)	82 g	820 g	420 g
Minimum weight (U=1%,k=2)	8,2 g	82 g	42 g
Repeatability (Max)	0,1 g	0,8 g	0,4 g
Repeatability (5% Max)	0,04 g	0,41 g	0,21 g
Linearity	±0,3 g	±3 g	±1,5 g
Stabilization time	1 s	1 s	1 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	II	II	—
Physical parameters			
Leveling system	manual	manual	manual
Display	5" graphic colour	5" graphic colour	5" graphic colour
Weighing pan dimensions	350×260 mm	400×500 mm	400×500 mm
Packaging dimensions	520×520×280 mm	710×610×240 mm	710×610×240 mm
Net weight	11,04 kg	22 kg	22 kg
Gross weight	13 kg	25,5 kg	24,5 kg
Construction			
Protection class	IP 43	IP 43	IP 43
Communication interface			
Communication interface	2×RS232, USB-A, USB-B, Ethernet, 4 IN / 4 OUT (digital), Wi-Fi	2×RS232, USB-A, USB-B, Ethernet, 4 IN / 4 OUT (digital), Wi-Fi	2×RS232, USB-A, USB-B, Ethernet, 4 IN / 4 OUT (digital), Wi-Fi
Electrical parameters			
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 12V DC 1A max	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 12V DC 1A max	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 12V DC 1A max
Environmental conditions			
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C	+10 ÷ +40 °C

Repeatability is expressed as a standard deviation from 10 weighing cycles. Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.

Datasheet

	C32.60.PM Precision Balance	C32.120.PM Precision Balance
Metrological parameters		
Maximum capacity [Max]	60 kg	120 kg
Minimum load	10 g	-
Preload range	6 kg	12 kg
Readability [d]	0,1 g	0,2 g
Verification unit [e]	1 g	
Tare range	-60 kg	-120 kg
Minimum weight (USP)	82 g	164 g
Minimum weight (U=1%,k=2)	8,2 g	16,4 g
Repeatability (Max)	0,15 g	0,2 g
Repeatability (5% Max)	0,041 g	0,082 g
Linearity	±0,3 g	±0,6 g
Stabilization time	1 s	1 s
Adjustment	internal (automatic)	internal (automatic)
OIML Class	II	—
Physical parameters		
Leveling system	manual	manual
Display	5" graphic colour	5" graphic colour
Weighing pan dimensions	400×500 mm	400×500 mm
Packaging dimensions	710×610×240 mm	710×610×240 mm
Net weight	22 kg	22 kg
Gross weight	26 kg	24,5 kg
Construction		
Protection class	IP 43	IP 43
Communication interface		
Communication interface	2×RS232, USB-A, USB-B, Ethernet, 4 IN / 4 OUT (digital), Wi-Fi	2×RS232, USB-A, USB-B, Ethernet, 4 IN / 4 OUT (digital), Wi-Fi
Electrical parameters		
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 12V DC 1A max	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 12V DC 1A max
Environmental conditions		
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C

Repeatability is expressed as a standard deviation from 10 weighing cycles. Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.

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



Extra payment for verification



Accessories

Displays
Antivibration Tables
Power Adapters
RS 232 cables (scale - printer)
Cigarette lighter receptacle power supply cables
Professional Weighing Tables

Protective cover for balances
Displays
Displays
Stands, wall mounting kits and mounting brackets
Additional modules
Receipt Printer

Barcode scanners
Under-pan weighing
RS 232, RS 485 cables

RS 232, RS 485 cables
RS 232 cables (scale - printer)

Software

E2R System
Label Editor R02
R-LAB
RADWAG Development Studio

RAD-KEY
Alibi Reader
Scales Editor 2.1

Device dimensions

C32.10.PM Precision Balance, C32.15.PM Precision Balance





