



C32.10.PM Precision Balance, C32.60.PM Precision Balance, C32.25.PM Precision Balance,  
C32.60.05.PM Precision Balance, C32.35.PM Precision Balance, C32.15.PM Precision Balance,  
C32.60.1.PM Precision Balance, C32.120.PM Precision Balance, C32.50.PM Precision Balance

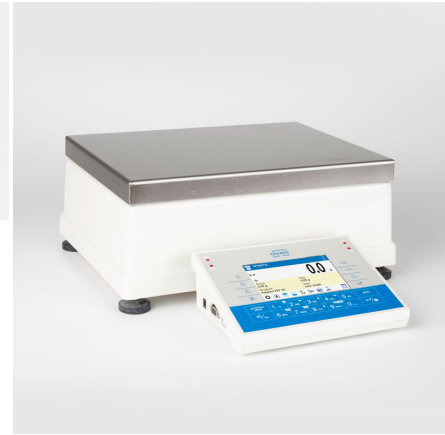
More information on the website  
[radwag.com/en/info,w1,1YD](http://radwag.com/en/info,w1,1YD)



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



C32.60.PM Precision Balance  
C32.60.05.PM Precision Balance  
C32.60.1.PM Precision Balance  
C32.120.PM Precision Balance



C32.25.PM Precision Balance  
C32.35.PM Precision Balance  
C32.50.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
<b>Metrological parameters</b>			
<b>Maximum capacity [Max]</b>	10 kg	15 kg	25 kg
<b>Minimum load</b>	0,5 g	-	5 g
<b>Preload range</b>	1 kg	1,5 kg	2,5 kg
<b>Readability [d]</b>	0,01 g	0,01 g	0,1 g
<b>Verification scale interval [e]</b>	0,1 g		1 g
<b>Tare range</b>	-10 kg	-15 kg	-25 kg
<b>Minimum weight (USP)</b>	8,2 g	8,2 g	82 g
<b>Minimum weight (U=1%,k=2)</b>	0,82 g	0,82 g	8,2 g
<b>Repeatability (Max)</b>	0,01 g	0,015 g	0,1 g
<b>Repeatability (5% Max)</b>	0,004 g	0,004 g	0,04 g
<b>Linearity</b>	±0,025 g	±0,03 g	±0,3 g
<b>Stabilization time</b>	1,5 s	3 s	3 s
<b>Adjustment</b>	internal (automatic)	internal (automatic)	internal (automatic)
<b>OIML Class</b>	II	-	II
<b>Physical parameters</b>			
<b>Leveling system</b>	manual	manual	manual
<b>Display</b>	5" graphic colour	5" graphic colour	5" graphic colour
<b>Protection class</b>	IP 43	IP 43	IP 43
<b>Weighing pan dimensions</b>	200×185 mm	200×185 mm	350×260 mm
<b>Packaging dimensions</b>	520×520×280 mm	520×520×280 mm	520×520×280 mm
<b>Net weight</b>	10 kg	10 kg	11 kg
<b>Gross weight</b>	12,2 kg	12,2 kg	13,2 kg
<b>Communication interface</b>			
<b>Communication interface</b>	2×RS232, USB-A, USB-B, Ethernet, Wi-Fi	2×RS232, USB-A, USB-B, Ethernet, Wi-Fi	2×RS232, USB-A, USB-B, Ethernet, Wi-Fi
<b>Electrical parameters</b>			
<b>Power supply</b>	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
<b>Environmental conditions</b>			
<b>Operating temperature</b>	+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	C32.50.PM Precision Balance	C32.60.1.PM Precision Balance
<b>Metrological parameters</b>			
<b>Maximum capacity [Max]</b>	35 kg	50 kg	60 kg
<b>Minimum load</b>	5 g	5 g	-
<b>Preload range</b>	3,5 kg	5 kg	
<b>Readability [d]</b>	0,1 g	0,1 g	1 g
<b>Verification scale interval [e]</b>	1 g	1 g	
<b>Tare range</b>	-35 kg	-50 kg	-60 kg
<b>Minimum weight (USP)</b>	82 g	82 g	820 g
<b>Minimum weight (U=1%,k=2)</b>	8,2 g	8,2 g	82 g
<b>Repeatability (Max)</b>	0,1 g	0,15 g	0,8 g
<b>Repeatability (5% Max)</b>	0,04 g	0,04 g	0,41 g
<b>Linearity</b>	±0,3 g	±0,3 g	±3 g
<b>Stabilization time</b>	3 s	3 s	3 s
<b>Adjustment</b>	internal (automatic)	internal (automatic)	internal (automatic)
<b>OIML Class</b>	II	II	—
<b>Physical parameters</b>			
<b>Leveling system</b>	manual	manual	—
<b>Display</b>	5" graphic colour	5" graphic colour	5" graphic colour
<b>Protection class</b>	IP 43	IP 43	IP 43
<b>Weighing pan dimensions</b>	350×260 mm	350×260 mm	400×500 mm
<b>Packaging dimensions</b>	520×520×280 mm	520×520×280 mm	700×600×200 mm
<b>Net weight</b>	11 kg	11 kg	17 kg
<b>Gross weight</b>	13,2 kg	13,2 kg	19 kg
<b>Communication interface</b>			
<b>Communication interface</b>	2×RS232, USB-A, USB-B, Ethernet, Wi-Fi	2×RS232, USB-A, USB-B, Ethernet, Wi-Fi	2×RS232, USB-A, USB-B, Ethernet, Wi-Fi
<b>Electrical parameters</b>			
<b>Power supply</b>	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
<b>Environmental conditions</b>			
<b>Operating temperature</b>	+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	C32.60.05.PM Precision Balance	C32.120.PM Precision Balance
<b>Metrological parameters</b>			
Maximum capacity [Max]	60 kg	60 kg	120 kg
Minimum load	-	-	-
Preload range			
Readability [d]	0,1 g	0,5 g	0,2 g
Verification scale interval [e]			
Tare range	-60 kg	-60 kg	-120 kg
Minimum weight (USP)	82 g	420 g	164 g
Minimum weight (U=1%,k=2)	8,2 g	42 g	16,4 g
Repeatability (Max)	0,15 g	0,4 g	0,2 g
Repeatability (5% Max)	0,041 g	0,21 g	0,082 g
Linearity	±3 g	±1,5 g	±0,6 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	—	—	—
<b>Physical parameters</b>			
Leveling system	—	manual	—
Display	5" graphic colour	5" graphic colour	5" graphic colour
Protection class	IP 43	IP 43	IP 43
Weighing pan dimensions	400×500 mm	400×500 mm	400×500 mm
Packaging dimensions	610×240×710 mm	700×600×200 mm	700×600×200 mm
Net weight	17 kg	17 kg	17 kg
Gross weight	19 kg	19 kg	19 kg
<b>Communication interface</b>			
Communication interface	2×RS232, USB-A, USB-B, Ethernet, Wi-Fi	2×RS232, USB-A, USB-B, Ethernet, Wi-Fi	2×RS232, USB-A, USB-B, Ethernet, Wi-Fi
<b>Electrical parameters</b>			
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
<b>Environmental conditions</b>			
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.

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



## Accessories

Displays  
 Antivibration Tables  
 RS 232 cables (scale - printer)  
 Barcode scanners  
 Cigarette lighter receptacle power supply cables  
 Under-pan weighing

RS 232, RS 485 cables  
 Power Adapters  
 Protective cover for balances  
 Stands, wall mounting kits and mounting brackets  
 Receipt Printer



# Software

RAD-KEY  
R-LAB  
E2R System

LabVIEW Driver  
RADWAG Development Studio  
R.Barcode

# Device dimensions

C32.10.PM Precision Balance, C32.15.PM Precision Balance, C32.50.PM Precision Balance

