

# **PS 4500.X7.M Precision Balance**

WL-226-0005





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

## **Functions**

Q	Autotest		Dosing	- <u>OK</u> +	Plus/Minus Control	%	Percent Weighing
***	Parts counting	MAX	Peak hold		Formulation	<b>7</b>	Newton unit measurement
<u>.al</u>	Statistics	- <u>0K</u> +	Checkweighing	•	IR sensors	\$	Under-pan weighing
GLP	GLP Procedures	<b>4</b>	Animal weighing	ρ	Density determination		Ambient conditions monitoring
Ð	Replaceable unit	SQC	Statistical Quality Control		ALIBI Memory	Ш	Mass for titrator

#### **Datasheet**

Wi-Fi

Metrological parameters		
Maximum capacity [Max]	4500 g	
Minimum load	500 mg	

Metrological parameters	
Readability [d]	10 mg
Verification unit [e]	100 mg
Tare range	-4500 g
Standard repeatability [5% Max]	5 mg
Standard repeatability [Max]	8 mg
Standard minimum weight (USP)	10 g
Standard minimum weight (U=1%, k=2)	1 g
Linearity	±20 mg
Stabilization time	1.5 s
Adjustment	internal (automatic)
OIML Class	II
Sensitivity temperature drift	2×10 <sup>-6</sup> /°C×Rt
Physical parameters	
Leveling system	manual
Display	7" graphic colour touchscreen
Delivery components	Balance, weighing pan, weighing pan shield, power supply
Weighing pan dimensions	195×195 mm
Device dimensions W x D x H	333x206x107 mm
Packaging dimensions W x D x H	476×381×346 mm
Net weight	4.5 kg
Gross weight	6 kg
Construction	
Protection class	IP 43
Components and software	
Database capacity	Products, Users, Packaging, Customers, Formulations, Formulations reports, Ambient Conditions, Weighings, Alibi memory
Features of use	
Touch-free operation	2 IR Sensors
Communication interface	
Communication interface	
	2×RS232¹, USB-A, USB-B, Ethernet, Wi-Fi
Electrical parameters	
Electrical parameters  Power supply	2×RS232¹, USB-A, USB-B, Ethernet, Wi-Fi  Adapter: 100 – 240V AC 50/60Hz 0.6A; 12V DC 1.2A Balance: 12 – 15V DC 0.8A max
	Adapter: 100 – 240V AC 50/60Hz 0.6A; 12V DC 1.2A
Power supply	Adapter: 100 – 240V AC 50/60Hz 0.6A; 12V DC 1.2A Balance: 12 – 15V DC 0.8A max
Power supply Power consumption	Adapter: 100 – 240V AC 50/60Hz 0.6A; 12V DC 1.2A Balance: 12 – 15V DC 0.8A max
Power supply Power consumption Environmental conditions	Adapter: 100 – 240V AC 50/60Hz 0.6A; 12V DC 1.2A Balance: 12 – 15V DC 0.8A max 4 W
Power supply Power consumption  Environmental conditions Operating temperature	Adapter: 100 – 240V AC 50/60Hz 0.6A; 12V DC 1.2A Balance: 12 – 15V DC 0.8A max 4 W +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.

<sup>&</sup>lt;sup>1</sup> Barcode scanners, available as weighing instrument accessory, communicate with the instrument via RS232 interface exclusively.



# **Accessories (Additional Fee)**

Balance Storage Case
Antivibration Tables
Power Adapters
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Barcode scanners
RS 232, RS 485 cables
THBR 2.0 System - Ambient Conditions Monitoring

Displays
Density determination KIT
Protective cover for balances
Receipt Printer
Additional modules
Under-pan weighing
RS 232 cables (scale - printer)
RS 232 - RS 485 Converter

# **Software (Additional Fee)**

- RAD Key [WX-010-0005]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]
- · Alibi Reader [WX-010-0114]
- Scale Editor 2.1 [WX-010-0173]

# Device dimensions W x D x H



