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[radwag.com/en/info,w1,XJ0](http://radwag.com/en/info,w1,XJ0)























5Y.20.PM Precision Balance



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

## Functions

- |   |   |   |  |
|---|---|---|--|
|  Autotest              |  Dosing                        |  Percent Weighing            |  Parts counting         |
|  Peak hold             |  Formulation                   |  Newton unit measurement     |  Statistics             |
|  Checkweighing         |  IR sensors                    |  Under-pan weighing          |  GLP Procedures         |
|  Animal weighing       |  Pipettes Calibration          |  Air density correction      |  Density determination  |
|  Differential weighing |  Ambient conditions monitoring |  Statistical Quality Control |  Packaged Goods Control |
|  ALIBI Memory          |  Wi-Fi                         |   |  |

# Datasheet

|                                 | 5Y.20.PM Precision Balance   |
|---------------------------------|--|
| <b>Metrological parameters</b>  |  |
| Maximum capacity [Max]          | 20 kg  |
| Minimum load                    | -  |
| Readability [d]                 | 0,01 g   |
| Verification unit [e]           | -  |
| Tare range                      | -20 kg   |
| Minimum weight (USP)            | 8,2 g  |
| Minimum weight (U=1%,k=2)       | 0,82 g   |
| Repeatability (Max)             | 0,015 g  |
| Repeatability (5% Max)          | 0,004 g  |
| Linearity                       | ±0,03 g  |
| Stabilization time              | 1 s  |
| Adjustment                      | internal (automatic)   |
| OIML Class                      | -  |
| <b>Physical parameters</b>      |  |
| Leveling system                 | semi-automatic - LevelSENSING  |
| Display                         | 10" graphic colour touchscreen   |
| Weighing pan dimensions         | 200×185 mm   |
| Packaging dimensions            | 520×520×280 mm   |
| Net weight                      | 12 kg  |
| Gross weight                    | 14,2 kg  |
| <b>Construction</b>             |  |
| Protection class                | IP 43  |
| <b>Communication interface</b>  |  |
| Communication interface         | 2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot                                   |
| <b>Electrical parameters</b>    |  |
| Power supply                    | Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A<br>Balance: 12 – 16V DC 1,4A max* |
| <b>Environmental conditions</b> |  |
| Operating temperature           | +10 – +40 °C   |

\* The power supply can be connected to the socket on the back of the balance housing or to the terminal.

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



## Accessories

MediaBox  
RFID Tags  
Antivibration Tables  
Power Adapters  
Additional modules  
Professional Weighing Tables  
Protective cover for balances  
Barcode scanners

Balance Storage Case  
Under-pan weighing  
RS 232, RS 485 cables  
RS 232, RS 485 cables  
Stands, wall mounting kits and mounting brackets  
Receipt Printer  
Fingerprint Reader  
RS 232 – USB Converter

# Software

E2R System  
RADWAG Remote Desktop

Label Editor R02  
Scales Editor 2.1

# Device dimensions

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