



More information on the website
radwag.com/en/info,w1,6WD

XA 52.5Y.F Analytical Balance



XA 52.5Y.F Analytical Balance

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

Functions



Autotest



Dosing



Percent Weighing



Parts counting



Formulation



Newton unit measurement



Statistics



Checkweighing



IR sensors



GLP Procedures



Animal weighing



Pipettes Calibration



Air density correction



Differential weighing



Ambient conditions monitoring



Replaceable unit



Statistical Quality Control



ALIBI Memory



Wi-Fi

Datasheet

| | XA 52.5Y.F Analytical Balance |
|-------------------------------------|---|
| Metrological parameters | |
| Maximum capacity [Max] | 52 g |
| Minimum load | 1 mg |
| Readability [d] | 0,01 mg |
| Verification scale interval [e] | 1 mg |
| Tare range | -52 mg |
| Standard repeatability [5% Max] | 0,007 mg |
| Standard repeatability [Max] | 0,01 mg |
| Standard minimum weight (USP) | 14 mg |
| Standard minimum weight (U=1%, k=2) | 1,4 mg |
| Permissible repeatability [5% Max] | 0,01 mg |
| Permissible repeatability [Max] | 0,02 mg |
| Linearity | ±0,03 mg |
| Eccentric load deviation | 0,03 mg |
| Sensitivity offset | $2 \times 10^{-6} \times R_t$ |
| Sensitivity time drift | $1 \times 10^{-6} / \text{Year} \times R_t$ |
| Stabilization time | 5 s (30 s for filters) |
| Adjustment | internal (automatic) |
| OIML Class | I |
| Physical parameters | |
| Leveling system | semi-automatic - LevelSENSING |
| Display | 10" touchscreen |
| Protection class | IP 43 |
| Delivery components | Analytical Balance, weighing pan, weighing pan for filters, weighing pan shield, centring ring, bottom cover, brush, fabric dust cover, power supply. |
| Weighing pan dimensions | 210×254 mm for filters + ø90 mm open-work pan + ø85 mm standard pan (option) |
| Packaging dimensions | 510×865×680 mm |
| Net weight | 12,7 kg |
| Gross weight | 25 kg |
| Communication interface | |
| Communication interface | 2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital), Wi-Fi |
| Electrical parameters | |
| Power supply | Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A max |
| Environmental conditions | |
| Operating temperature | +10 ÷ +50 °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

Barcode scanners
Density determination KIT
Professional weighing table
USB Hubs
Label Printers
THBR 2.0 System - Ambient Conditions Monitoring
Antivibration Tables

Holders for test tubes and filters
Under-Pan Weighing Rack
Fingerprint Reader
RS 232, RS 485 cables
RS 232 – USB Converter
Displays

Software

RAD-KEY
LabVIEW Driver
RADWAG Remote Desktop
Scales Editor 2.1
E2R System

Audit Trail Reader
Label Editor R02
R-LAB
RADWAG Development Studio
R.Barcode