

PRECISION BALANCES APP 3Y



release date 13-07-2015



Component pan: flat surface for big loads and openwork pan for reducing indication errors.



Additionally option: APP xx.3Y.B



Communication interfaces

- Ethernet 10/100 Mbps
- Wi-Fi 802.11 b,g,n,
- RS 232
- 2xUSB 2.0
- 4 in/out

Balances APP 3Y series are laboratory weighing instruments featuring 5,7" LCD colour touch panel which provides new possibilities of balance operation and presenting measurement results.

Personalization of balance settings is carried out in extended user profiles. 3Y series comes standard with system of automatic internal adjustment.

Level control is based on LevelSENSING system, RADWAG patented solution, which uses a system of an electronic level. Balances APP 3Y series enable online monitoring of ambient conditions through built-in sensors or an external ambient conditions module THB 3 series.

Large weighing pan 347 x 259 mm enables weighing loads with large dimensions. Balances with reading unit 10 mg feature a dedicated openwork weighing pan limiting influence of air movement onto the measurement result. APP 3Y series is successfully used in applications such as parts counting, differential weighing also in industrial conditions.



Parts counting



Dosing



Checkweighing



Formulation



Percent deviations



Statistics



Animal weighing



Differential weighing



Density determination



Statistical Quality Control



Autotest (GLP, Filter)



GLP procedures



Infrared sensors



Ambient conditions monitoring



Newton unit measurement



Replaceable units



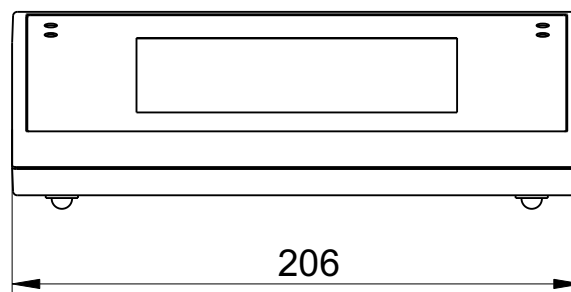
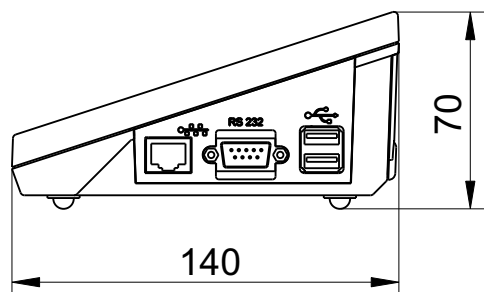
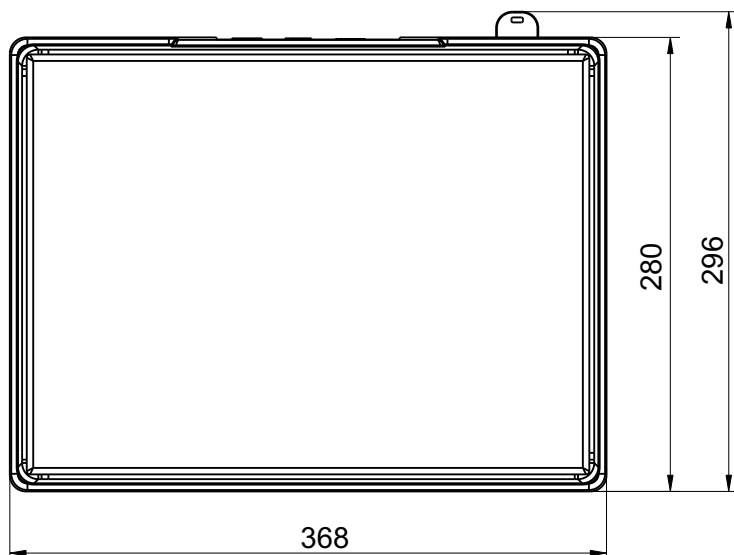
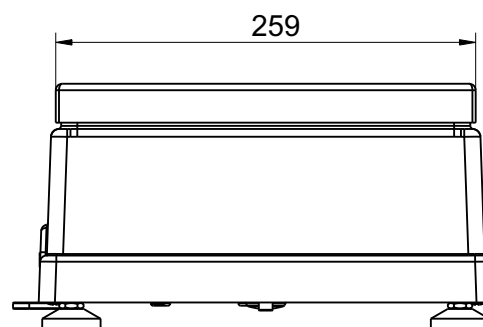
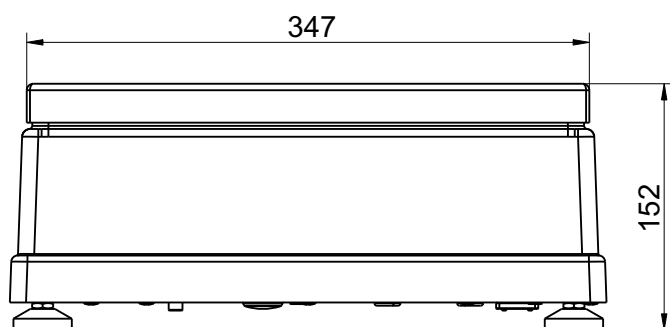
Mass for titrator

Technical specification:

	APP 10.3Y M	APP 25.3Y M	APP 35.3Y M	APP 10/50.3Y -
Max capacity	10 kg	25 kg	35 kg	10 kg / 50 kg
Minimum load	0,5 g	5 g	5 g	5 g
Readability	0,01 g	0,1 g	0,1 g	0,1 g / 0,5 g
Tare range	-10 kg	-25 kg	-35 kg	-50 kg
Repeatability *	0,01 g	0,1 g	0,3 g	0,1 g / 0,5 g
Linearity	± 0,02 g	± 0,1 g	± 0,1 g	± 0,1 g / ± 0,5 g
Adjustment / Calibration	internal			
Pan size	347 x 259 mm			
Stabilization time	3 s	2 s	2 s	2 s
Sensitivity drift	2 ppm/°C in temperature +15 ° ÷ +35 °C			
Interface	2xUSB, 2xRS 232, 1xEthernet, Wi-Fi 802.11 b,g,n, 4 in / 4 out (digital)			
Power supply	13,5 ÷ 16 V DC / 2,1 A			
Display	5,7" touch screen			
Net weight / Gross weight	19,9 / 22,9 kg			
Packaging size	570 x 560 x 325 mm			

* Repeatability is expressed as a standard deviation from 10 weighing cycles

Dimensions:



Additional equipment:

Antivibration table for laboratory balances

Dot matrix Epson printer

Label printer Citizen

Tare and "Print" foot button

PW-WIN computer software

RAD-KEY computer software

Additional LCD display "WD-5"

PC USB keyboard

THB 3 ambient conditions module

Power adapter with battery and charger ZR-02

Mass standard

Power loop module AP2-1 (wersja plastikowa)

Antistatic cable PA 1

Bar code scanner

Cable RS 232 (scale, Epson , Citizen printer) "P0151"