

PRECISION BALANCES APP 3Y



release date 23-06-2016



APP 10.3Y

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



Communication interfaces

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



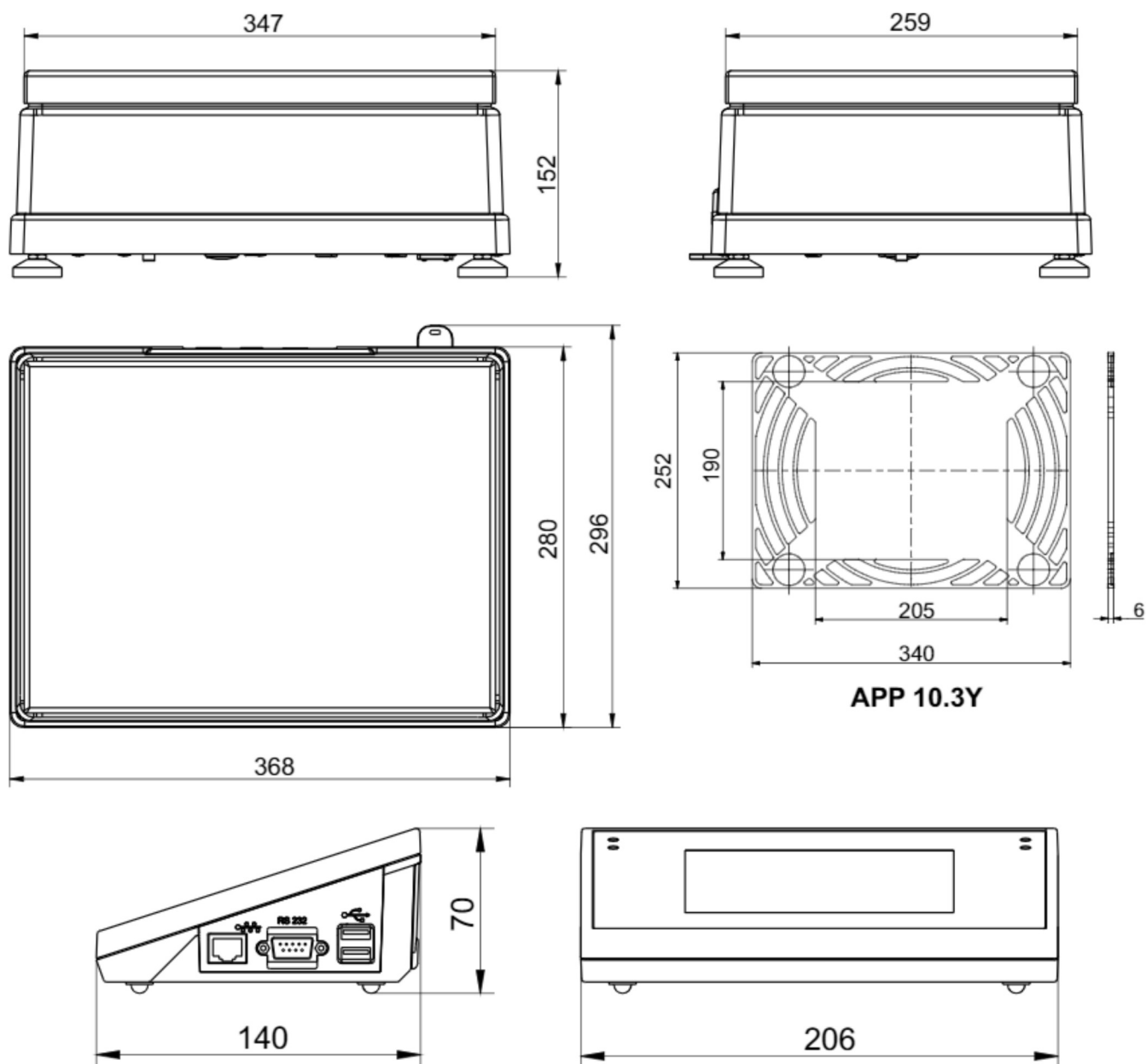
Additionally option: APP xx.3Y.B

Technical specification:

	APP 10.3Y M17	APP 25.3Y M17	APP 35.3Y M17	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	0,1 g	0,1 g / 0,5 g
Linearity	± 0,02 g	± 0,2 g	± 0,3 g	± 0,1 g / ± 0,5 g
Adjustment / Calibration	internal			
Pan size	205 × 190 mm	347 × 259 mm		
Stabilization time	3 s	2 s	2 s	2 s
Sensitivity drift	2 ppm/°C in temperature +15 ° ÷ +35 °C			
Minimum weight (USP)	10 g	100 g	100 g	100 g
Minimum weight (U=1%,k=2)	1 g	10 g	10 g	10 g
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 × 560 × 325 mm			

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

Dimensions:



Additional equipment:

Antivibration table for laboratory balances	THB 3 ambient conditions module
Dot matrix Epson printer	Power adapter with battery and charger ZR-02
Label printer Citizen	Mass standard
Tare and "Print" foot button	Power loop module AP2-1 (wersja plastikowa)
PW-WIN computer software	Antistatic cable PA 1
RAD-KEY computer software	Bar code scanner
Additional LCD display "WD-5"	Cable RS 232 (scale, Epson, Citizen printer) "P0151"
PC USB keyboard	