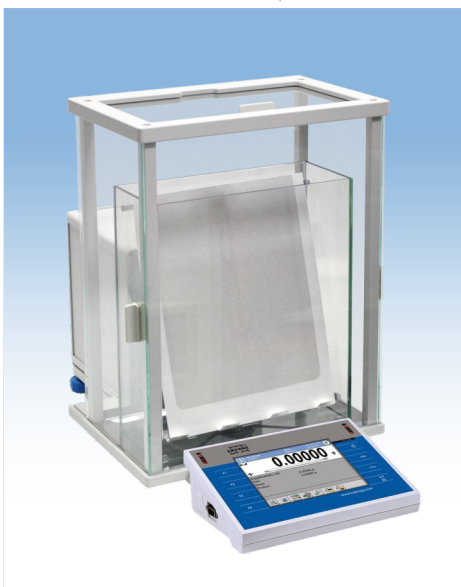
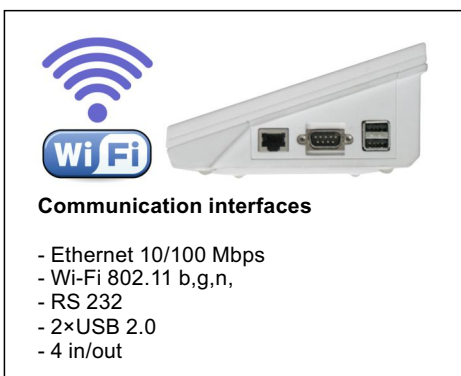


ANALYTICAL BALANCES XA 3Y.F



- ✓ **New electronics and technological solutions!**
- ✓ **New intuitive operation and user friendly software of balances!**
- ✓ **Filter weighing!**



Balances XA 3Y.F series are designed for weighing large filters. The balance features a spacious weighing chamber and a weighing pan dedicated for weighing filters with maximum dimensions 210×260 mm. As replacement to the pan for weighing filters, balance user can apply a standard weighing pan for regular weighing process. In the weighing chamber and over the weighing pan there is a large draft shield made of conducting glass for discharging static electricity. In addition, it functions as a anti draft protection. The weighing chamber comprises sliding side and top glass doors. XA 3Y.F series features a touch panel covering a 5.7" colour graphic display.

- Parts counting
- Dosing
- Checkweighing
- Formulation
- Percent deviations
- Statistics
- Animal weighing
- Differential weighing
- Pipettes calibration
- Statistical Quality Control
- Autotest (GLP, Filter)
- Density determination
- Air buoyancy compensation
- GLP procedures
- Infrared sensors
- Ambient conditions monitoring
- Newton unit measurement
- Replaceable units
- Under-hook weighing
- Mass for titrator

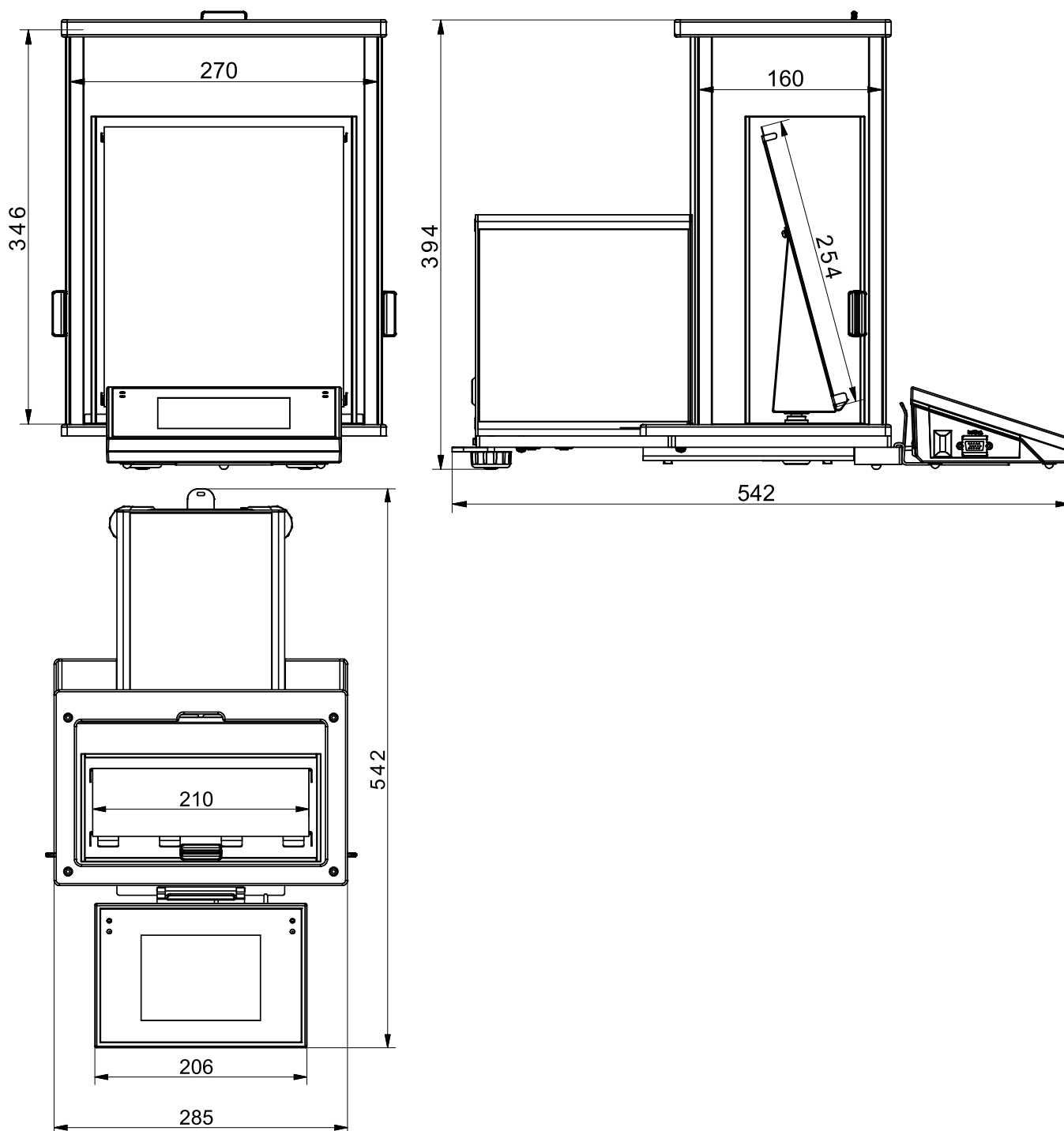
Technical specification:

	XA 52 3Y.F	XA 110 3Y.F
Max capacity	52 g	110 g
Min load	1 mg	1 mg
Readability	0,01 mg	0,01 mg
Tare range	-52 g	-110 g
Working temperature	+10° ÷ +40°C	
Repeatability *	0,01 mg (for a concentrated mass)	0,012 mg (for a concentrated mass)
	0,03 mg (for filters weighing)	0,03 mg (for filters weighing)
Linearity	±0,03 mg	±0,07 mg
Eccentric load deviation	0,03 mg	0,07 mg
Sensitivity offset	$2 \times 10^{-6} \times R_t$	
Sensitivity temperature drift	$1 \times 10^{-6} / ^\circ\text{C} \times R_t$	
Sensitivity stability	$1 \times 10^{-6} / \text{Year} \times R_t$	
Minimum weight (USP)	30 mg	24 mg
Minimum weight (U = 1%, k = 2)	2 mg	3 mg
Stabilization time	5 s (30 s for filters)	5 s (30 s dla filtrów)
Interface	2×USB, 2×RS 232, 1×Ethernet, Wi-Fi 802.11 b,g,n, 4 Inputs / 4 Outputs	
Power supply	13,5÷16 V DC / 2,1 A	
Adjustment / Calibration	internal (automatic)	
Pan size	ø 85 mm (210×254 mm for filters)	
Display	5,7" (touch screen)	
Net weight/Gross weight	16,5 kg / 21 kg	
Packaging size	820 × 460 × 625 mm	

Rt - net weight

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

Dimensions:



Additional equipment:

Anti vibration table for laboratory balances	Ambient conditions module
Profesional weighing table	Density determination kit
Impact Epson printer	Additional LCD display "WD-5"
Label printer Citizen	PC keyboard
Holders for glass vessels	Additional adapter for pipettes calibration
Air density determination kit	Power adapter with battery and charger ZR-02
Tare and "Print" foot button	Mass standard
PW-WIN computer software	Antistatic cable
RAD-KEY computer software	Cable RS 232 (balance - computer) "P0108"
PIPETTES computer software	Cable RS 232 (balance - Epson , Citizen printer) "P0151"
Antistatic ionizer DJ-02	

PARTNER CORPORATION

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