

AS X2 Analytical Balances

'Advanced level' measurements, maximum operation comfort and countless display customization options



Features

High Quality Measurements and Weighing Performance

Combination of easy operation and excellent weighing accuracy makes AS X2 balances an ideal solution for most of the demanding applications in laboratory processes.

Excellent Weighing Parameters and Comfort of Operation

Thanks to a clear and intuitive menu layout and 5" colour touch screen, maximum comfort and incredibly easy operation are both ensured.

Customization via Widgets

AS X2 software enables designing screen widgets layout. Display customization allows you to run any selected function directly from the home screen.

Numerous Options of Data Management

Extensive storage capacity enables record of all measurement data in a form of complex reports.

Second to None Repeatability and Compliance with USP

AS X2 analytical balances feature the highest measurements accuracy, excellent repeatability and are compliant with USP requirements (Chapter 41 and 1251).

Spacious Weighing Chamber

Large weighing chamber enables convenient operation using laboratory vessels of different dimensions.

Touch-Free Operation

Two programmable proximity sensors can be assigned with any function or application. The given function when assigned is both run and operated touch-free.

Technical Specifications

	AS 60/220.X2	AS 62.X2	AS 82/220.X2	
Maximum capacity [Max]	60 g / 220 g	62 g	82 g / 220 g	
Minimum load	1 mg	1 mg	1 mg	
Readability [d]	0.01 mg / 0.1 mg	0.01 mg	0.01 mg / 0.1 mg	
Verification scale interval [e]	1 mg	1 mg	1 mg	
Tare range	–220 g	–62 g	–220 g	
Repeatability (5% Max)* Repeatability (Max)*	0.015 mg (Rt ≤ 3 g) 0.1 mg	0.015 mg (Rt ≤ 3 g) 0.03 mg	0.015 mg (Rt ≤ 5 g) 0.1 mg	
Linearity	± 0.06 mg / ±0.2 mg	± 0.06 mg / ±0.2 mg		
Sensitivity temperature drift**	1×10^{-6} / °C × Rt	$1 \times 10^{-6} / °C \times Rt$	$1 \times 10^{-6} / °C \times Rt$	
Minimum weight (U=1%, k=2)	3 mg	3 mg	3 mg	
Minimum weight (USP)	30 mg	30 mg	30 mg	
Stabilization time***	2 s	2 s	2 s	
Adjustment	internal	internal	internal	
Verification	Yes	Yes	Yes	
OIML Class				
Display	5" capacitive colour touch screen	5" capacitive colour touch screen	5" capacitive colour touch screen	
Keypad	6 keys	6 keys	6 keys	
Protection class	IP 43	IP 43	IP 43	
Databases	7	7	7	
Touch-free operation	2 programmable proximity sensors	2 programmable proximity sensors	2 programmable proximity sensors	
USB-A	1	1	1	
USB-B	1	1	1	
RS 232	2	2	2	
Wireless connection	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	
Ethernet	10 / 100 Mbit	10 / 100 Mbit	10 / 100 Mbit	
Power supply	12 ÷ 16 V DC	12 ÷ 16 V DC	12 ÷ 16 V DC	
Power consumption	4 W	4 W	4 W	
Operating temperature	+10 ÷ +40 ℃	+10 ÷ +40 ℃	+10 ÷ +40 °C	
Atmospheric humidity****	40 ÷ 80%	40 ÷ 80%	40 ÷ 80%	
Transport and storage temperature	-20 ÷ +50 ℃	-20 ÷ +50 ℃	−20 ÷ +50 °C	
Weighing pan dimensions	ø 90 mm open-work ø 85 mm standard (option)*****	ø 90 mm open-work ø 85 mm standard (option)*****	ø 90 mm open-work ø 85 mm standard (option)*****	
Weighing chamber dimensions	160 × 168 × 223 mm	160 × 168 × 223 mm	160 × 168 × 223 mm	
Weighing device dimensions	333 × 206 × 355 mm	333 × 206 × 355 mm	333 × 206 × 355 mm	
Net weight	5.3 kg	5.3 kg	5.3 kg	
Gross weight	7.3 kg	7.3 kg	7.3 kg	
Packaging dimensions	495 × 400 × 515 mm	495 × 400 × 515 mm	495 × 400 × 515 mm	

Rt net weight

repeatability is expressed as a standard deviation from 10 weighing cycles parameter determined in the following temperature range: $+15 \div +35$ °C *

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*** stabilization time depends on external conditions and dynamics of placing loads on a pan, determined for FAST profile

**** non-condensing conditions

***** ø 85 mm standard weighing pan on purchase order

Values of parameters provided in Technical Specifications table, have been determined under stable laboratory conditions. Due to ambient conditions impact or/and balance setup, the above parameters may vary for environments other than laboratory.

Minimuload10 mg10 mg10 mg10 mg10 mg10 mgReadability (d)0.1 mg1.0 mg1.0 mg1.0 mg1.0 mg1.0 mg1.0 mgRepeatability (Max)*1.0 mg1.0 mg		AS 110.X2	AS 160.X2	AS 220.X2	AS 310.X2
Readability (i)0.1 mg0.1 mg0.1 mg0.1 mgVerification scale interval (e)1 mg1 mg1 mg1 mgFare range-100-600-220 gu-310 gRare range0.07 mg (fk ± 10 g)0.07 mg (fk ± 10 g)0.07 mg (fk ± 15 g)0.07 mg (fk ± 15 g)Repeatability (Max)*0.02 mg (fk ± 10 g)0.07 mg (fk ± 10 g)0.07 mg (fk ± 15 g)0.07 mg (fk ± 15 g)Repeatability (Max)*0.02 mg (fk ± 10 g)0.07 mg (fk ± 10 g)0.07 mg (fk ± 10 g)0.07 mg (fk ± 10 g)Repeatability (Max)*0.02 mg (fk ± 10 g)1.01 mg0.07 mg (fk ± 10 g)0.07 mg (fk ± 10 g)Repeatability (Max)*1.02 mg (fk ± 10 g)1.01 mg1.01 mg1.01 mgRepeatability (Max)*1.01 mg1.01 mg1.01 mg1.01 mgRepeatability (Max)*1.40 mg1.40 mg1.40 mg1.01 mgRepeatability (Max)*1.40 mg1.40 mg1.40 mg1.01 mgRepeatability (Max)*1.40 mg1.40 mg1.01 mg1.01 mgRepeatability (Max)*1.40 mg1.60 mg1.01 mg1.01 mgRepeatability (Max)*1.60 mg1.60 mg1.60 mg1.60 mgRepeatability (Max)*1.60 mg1.60 mg1.60 mg1.60 mgRepeatability (Max)*1.60 mg <th>Maximum capacity [Max]</th> <th>110 g</th> <th>160 g</th> <th>220 g</th> <th>310 g</th>	Maximum capacity [Max]	110 g	160 g	220 g	310 g
Verification scale interval [e] 1mg 1mg 1mg 1mg Rare range -110 g -60 g -220 g -310 g Repeatability (S% Max)* 007 mg (Rt ≤ 10 g) 0.07 mg (Rt ≤ 10 g) 0.07 mg (Rt ≤ 10 g) 0.07 mg (Rt ≤ 10 g) Repeatability (Max)* 0.07 mg (Rt ≤ 10 g) Benerative term ± 0.2 mg ± 0.2 mg ± 0.2 mg ± 0.3 mg Sensitivity temperature diff** 1 x 10°/ °C x Rt 1 x 10° / °C x Rt 1 x 10° / °C x Rt Winimum weight (U=1%, k=2) 14 mg 14 mg 14 mg 1 4 mg Winimum weight (USP) 140 mg 140 mg 14 mg 1 menal Winimum weight (USP) 140 mg 1 menal internal internal Verification Yes Yes Yes Yes Display S* capacitive colour touch screen S* capac	Minimum load	10 mg	10 mg	10 mg	10 mg
Tare range -110 g -160 g -220 g -310 g Repetability (% Max)* 0.07 mg (Rt ≤ 10 g)	Readability [d]	0.1 mg	0.1 mg	0.1 mg	0.1 mg
Repeatability (5% Max)*0.70 mg (Rt ≤ 10 g) 0.1 mg0.70 mg (Rt ≤ 10 g) 0.1 mg0.70 mg (Rt ≤ 10 g) 0.1 mg0.10 mgRepeatability (Max)*40 2mg±0.2 mg±0.2 mg±0.3 mgSensitivity temperature driff*1 × 104 /*C × Rt1 × 104 /*C × Rt1 × 104 /*C × RtMinimu weight (US9)14 mg14 mg14 mg14 mgStabilization time***2 s2 s2 s2 sAdjustmentinternalinternalinternalinternalPreffectionYesYesYesYesOML Class11internaliscancito construction const	Verification scale interval [e]	1 mg	1 mg	1 mg	1 mg
Repeatability (Max)*0.1 mg0.1 mg0.1 mg0.1 mg0.1 s mg0.1 s mgLinearity±0.2 mg±0.2 mg±0.2 mg±0.3 mg±0.3 mgSensitivity temperature drift**1 × 10°/°C×Rt1 × 10°/°C×Rt1 × 10°/°C×Rt1 × 10°/°C×RtWinimum weight (USP)14 mg14 mg14 mg1 4 mgStabilization time***2 s2 s2 s2 sStabilization time***internalinternalinternalinternalVerificationinternalinternalinternalinternalOML Classiinternaliscapacitive colour touch screenscreenscreenStabilization timescreeniscapacitive colour touch screenscreenscreenscreenDisplayiscapacitive colour touch screenscreenscreenscreenscreenStababase777screenscreenscreenStababase2 programmable proximity sensors2 programmable proximity sensors2 programmable proximity sensors2 programmable proximity sensors2 programmable proximity sensorsStababase11111Stababase11010 Mbit1010 Mbit1010 Mbit1010 MbitStababase11111Stababase11111Stababase11111Stababase11111Stababase1 <th>Tare range</th> <th>–110 g</th> <th>–160 g</th> <th>–220 g</th> <th>–310 g</th>	Tare range	–110 g	–160 g	–220 g	–310 g
Sensitivity temperature drift***1 × 10*/°×Rt1 × 10*/°×Rt1 × 10*/°×RtMinimu weight (U=1%, k=2)14mg14mg14mg14mgMinimu weight (U5P)140 mg140 mg140 mg140 mgStabilization time**2 s2 s16 ms16 msMinimu weight (U5P)16 ms16 ms16 ms16 msVerificationYesYesYesYesOlf L Class1111Display5° capacitive colour toud screen5° capacitive colour toud screen5° capacitive colour toud screenProtection class16143143143143Display2 programmable proximi screen2 programmable proximi screen2 programmable proximi screenDisplay1012121212Display2 programmable proximi screen2 programmable proximi screen2 programmable proximi screenDisplay1012121212Display1012121212Display2 programmable proximi screen2 programmable proximi screen2 programmable proximi screenDisplay101212121212Display1012121212Display101212121212Display101212121212Display101212121212Display10121212 </th <th>Repeatability (5% Max)* Repeatability (Max)*</th> <th></th> <th></th> <th></th> <th></th>	Repeatability (5% Max)* Repeatability (Max)*				
Minimu weight (U=1%, k=2)14 mg14 mg <th>Linearity</th> <th>± 0.2 mg</th> <th>± 0.2 mg</th> <th>± 0.2 mg</th> <th>± 0.3 mg</th>	Linearity	± 0.2 mg	± 0.2 mg	± 0.2 mg	± 0.3 mg
Minimu weight (USP)140 mg140 mg140 mg140 mgStabilization time***2 s2 s2 s2 s2 sAdjustmentinternalinternalinternalinternalVerificationYesYesYesYesOIML ClassIIIIDisplay5'capacitive colour touch screen5'capacitive colour touch screen5'capacitive colour touch screen5'capacitive colour touch 	Sensitivity temperature drift**	1×10^{-6} / °C × Rt			
Stabilization time***2 s2 s2 s2 s2 s2 s2 sAdjustmentinternalinternalinternalinternalinternalinternalVerificationYesYesYesYesYesDML ClassIIIIDisplayS° capacitive colour touch screenS° capacitive colour touch screen <th>Minimum weight (U=1%, k=2)</th> <th>14 mg</th> <th>14 mg</th> <th>14 mg</th> <th>14 mg</th>	Minimum weight (U=1%, k=2)	14 mg	14 mg	14 mg	14 mg
AdjustmeninternalinternalinternalAdjustmenVesYesYesYesVerfficationVesYesYesYesDill Class1111DisplayS'capacitive colour touch screenS'capacitive colour touch screenS'capacitive colour touch screenS'capacitive colour touch screenS'capacitive colour touch screenDisplay6 keys6 keys6 keys6 keys6 keysProtection class1P431P431P431P43Databases7777Fouch-free operation sensors2 programmable proximity sensors2 programmable proximity sensors2 programmable proximity sensors2 programmable proximity sensorsUSB-A11111Stag 23222222Vireles connection802.11 b/g/n802.11 b/g/n802.11 b/g/n802.11 b/g/nPower consumption10.100 Mbit10.100 Mbit10.100 Mbit10.100 MbitPower consumption10.440°C10.440°C10.440°C10.440°CAtmospherichunidity****40.80%40.80%40.80%40.80%Vielping na dimensions6100 mm6100 mm6100 mm6100 mmVielping na dimensions6100 mm6100 mm6100 mm6100 mmVielping na dimensions633.206.355 mm33.3206.355 mm33.3206.355 mm33.3206.355 mm	Minimum weight (USP)	140 mg	140 mg	140 mg	140 mg
VerificationYesYesYesYesDML ClassIIIIIDisplay5° capacitive colour touch screen5° capacitive colou	Stabilization time***	2 s	2 s	2 s	2,5 s
DML ClassIIIIDisplayS'capacitive colour tou <bb></bb> screenS'capacitive colour tou <bb></bb> screenS'capacitive colour tou screenS'capacitive colour tou screenReypad6 keys6 keys6 keys6 keys6 keysProtection classIP43IP43IP43IP43IP43Databases7777IP43Touch-free operationgrogrammable proxim sensorsgrogrammable proxim	Adjustment	internal	internal	internal	internal
DisplayS"capacitive colour touch screenS" capacitive colour touch screenSereen	Verification	Yes	Yes	Yes	Yes
screenscreenscreenscreenKeypad6 keys6 keys6 keys6 keysProtection classIP 43IP 43IP 43IP 43Databases7777Touch-free operation2 programmable proximity sensors2 programmable proximity <b< th=""><th>OIML Class</th><th>[</th><th>1</th><th>I</th><th></th></b<>	OIML Class	[1	I	
Protection classIP 43IP 43IP 43IP 43IP 43Databases777777Fouch-free operation2 programmable proximity sensors2 programm	Display				
Databases777777Touch-free operation2programmable proving sensors2programmable proving sensors2programmable proving sensors2programmable proving sensors2programmable proving sensors2programmable proving sensors2programmable proving sensors2programmable proving sensors2programmable proving sensors2programmable proving sensors11 <th>Keypad</th> <th>6 keys</th> <th>6 keys</th> <th>6 keys</th> <th>6 keys</th>	Keypad	6 keys	6 keys	6 keys	6 keys
Free operation 2 programmable proximity sensors 2 programmable proximity sensors 2 programmable proximity sensors 2 programmable proximity sensors USB-A 1	Protection class	IP 43	IP 43	IP 43	IP 43
sensorssensorssensorssensorssensorsUSB-A1111USB-B1111USB-B1111RS 2322222Wireless connection802.11 b/g/n802.11 b/g/n802.11 b/g/n802.11 b/g/nEthernet10/100 Mbit10/100 Mbit10/100 Mbit10/100 MbitPower supply12÷16 V DC12÷16 V DC12÷16 V DC12÷16 V DCPower consumption4W4W4W4WPoperating temperature40÷80%40÷80%40÷80%40÷80%Atmospherichumidity****40±0020÷÷50°C-20÷÷50°C-20÷÷50°CWeighing pan dimensions100 mm100 mm100 mm100 mmWeighing device dimensions133×206×355 mm333×206×355 mm333×206×355 mmNet weight53 kg53 kg53 kg53 kg	Databases	7	7	7	7
USB-B 1 1 1 RS 232 2 2 2 2 2 Wireless connection 802.11 b/g/n 802.11 b/g/n 802.11 b/g/n 802.11 b/g/n Ethernet 10/100 Mbit 10/100 Mbit 10/100 Mbit 10/100 Mbit Power supply 12 ÷ 16 V DC Power consumption 4W 4W 4W 4W Operating temperature +10 ÷ +40 °C +10 ÷ +40 °C +10 ÷ +40 °C Atmospheric humidity**** 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% Weighing pan dimensions 010 mm 010 mm 010 mm 010 mm Weighing device dimensions 160 × 168 × 227 mm 160 × 168 × 227 mm 160 × 168 × 227 mm 333 × 206 × 355 mm Net weight 53 kg 53 kg 53 kg 53 kg 53 kg 53 kg	Touch-free operation				
RS 232 2 2 2 2 Wireless connection 802.11 b/g/n 802.11 b/g/n 802.11 b/g/n 802.11 b/g/n Ethernet 10/100 Mbit 10/100 Mbit 10/100 Mbit 10/100 Mbit Power supply 12÷16VDC 12÷16VDC 12÷16VDC 12÷16VDC Power consumption 4W 4W 4W Operating temperature +10÷440°C +10÷440°C +10÷440°C Atmospheric humidity**** 40÷80% 40÷80% 40÷80% Weighing pan dimensions 010 mm 010 mm 010 mm Weighing chamber dimensions 160×168×227 mm 160×168×227 mm 160×168×227 mm Weighing device dimensions 333×206×355 mm 333×206×355 mm 333×206×355 mm	USB-A	1	1	1	1
Wireless connection 802.11 b/g/n 802.11 b/g/n 802.11 b/g/n 802.11 b/g/n Ethernet 10/100 Mbit 10/100 Mbit 10/100 Mbit 10/100 Mbit Power supply 12÷16V DC 12÷16V DC 12÷16V DC 12÷16V DC Power consumption 4W 4W 4W 4W Operating temperature +10÷440 °C +10÷440 °C +10÷440 °C +10÷440 °C Atmospheric humidity**** 40÷80% 40÷80% 40÷80% 40÷80% 40÷80% Transport and storage temperature -20÷+50 °C -20÷+50 °C -20÷+50 °C -20÷+50 °C -20÷+50 °C Weighing pan dimensions 0100 mm 0100 mm 0100 mm 0100 mm 0100 mm Weighing device dimensions 160×168×227 mm 160×168×227 mm 160×168×227 mm 333×206×355 mm 333×206×355 mm 333×206×355 mm Net weight 5.3 kg 5.3 kg 5.3 kg 5.3 kg 5.3 kg	USB-B	1	1	1	1
Ethernet 10/100 Mbit 10/100 Mbit 10/100 Mbit 10/100 Mbit Power supply 12 ÷ 16V DC 12 ÷ 16V DC 12 ÷ 16V DC 12 ÷ 16V DC Power consumption 4W 4W 4W 4W Operating temperature +10 ÷ +40 °C +10 ÷ +40 °C +10 ÷ +40 °C +10 ÷ +40 °C Atmospheric humidity**** 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% Transport and storage temperature -20 ÷ +50 °C -20 ÷ +50 °C -20 ÷ +50 °C -20 ÷ +50 °C Weighing chamber dimensions 6100 mm 6100 mm 6100 mm 6100 mm 160 × 168 × 227 mm Weighing device dimensions 333 × 206 × 355 mm	RS 232	2	2	2	2
Power supply 12 ÷ 16 V DC 4W Power consumption 4W 4D ÷ 40 °C +10 ÷ +40 °C +10 ÷ +40 °C +10 ÷ +40 °C 40 ÷ 80% 33 × 206 × 350 °C 30 ÷ 80 × 350 °C 30 × 200 × 355 °C	Wireless connection	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
Power consumption 4W 4W 4W 4W Operating temperature +10 ÷ +40 °C +10 ÷ +40 °C +10 ÷ +40 °C +10 ÷ +40 °C Atmospheric humidity**** 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% Transport and storage temperature -20 ÷ +50 °C -20 ÷ +50 °C -20 ÷ +50 °C -20 ÷ +50 °C Weighing pan dimensions Ø 100 mm Weighing chamber dimensions 160 × 168 × 227 mm Weighing device dimensions 333 × 206 × 355 mm Net weight 5.3 kg 5.3 kg 5.3 kg 5.3 kg 5.3 kg	Ethernet	10 / 100 Mbit			
Operating temperature +10 ÷ +40 °C +10 ÷ +40 °C +10 ÷ +40 °C +10 ÷ +40 °C Atmospheric humidity**** 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% Transport and storage temperature -20 ÷ +50 °C Weighing pan dimensions Ø 100 mm Weighing chamber dimensions 160 × 168 × 227 mm Weighing device dimensions 333 × 206 × 355 mm Net weight 5.3 kg 5.3 kg 5.3 kg 5.3 kg 5.3 kg	Power supply	12 ÷ 16 V DC			
Atmospheric humidity**** 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% Transport and storage temperature -20 ÷ +50 °C -20 ÷ ± +50 °C -20 ÷ ± +50 °C -20 ÷ ± ± +50 °C -20 ÷ ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ±	Power consumption	4 W	4 W	4 W	4 W
Transport and storage temperature -20 ÷ +50 °C -20 ÷ +50 °C -20 ÷ +50 °C -20 ÷ +50 °C Weighing pan dimensions Ø 100 mm Weighing chamber dimensions 160 × 168 × 227 mm 333 × 206 × 355 mm Net weight 5.3 kg 5.3 kg 5.3 kg 5.3 kg 5.3 kg 5.3 kg	Operating temperature	+10 ÷ +40 °C			
Weighing pan dimensions Ø 100 mm Weighing chamber dimensions 160 × 168 × 227 mm 333 × 206 × 355 mm	Atmospheric humidity****	40 ÷ 80%	40 ÷ 80%	40 ÷ 80%	40 ÷ 80%
Weighing chamber dimensions 160 × 168 × 227 mm Weighing device dimensions 333 × 206 × 355 mm 333 × 2	Transport and storage temperature	-20 ÷ +50 ℃	-20 ÷ +50 ℃	-20 ÷ +50 ℃	-20 ÷ +50 ℃
Weighing device dimensions 333 × 206 × 355 mm 333 × 206 × 355 mm <th< th=""><th>Weighing pan dimensions</th><th>ø 100 mm</th><th>ø 100 mm</th><th>ø 100 mm</th><th>ø 100 mm</th></th<>	Weighing pan dimensions	ø 100 mm	ø 100 mm	ø 100 mm	ø 100 mm
Net weight 5.3 kg 5.3 kg 5.3 kg 5.3 kg	Weighing chamber dimensions	160 × 168 × 227 mm			
	Weighing device dimensions	333 × 206 × 355 mm			
Gross weight 7.3 kg 7.3 kg 7.3 kg 7.3 kg	Net weight	5.3 kg	5.3 kg	5.3 kg	5.3 kg
	Gross weight	7.3 kg	7.3 kg	7.3 kg	7.3 kg
Packaging dimensions 495 × 400 × 515 mm	Packaging dimensions	495 × 400 × 515 mm			

Rt * net weight

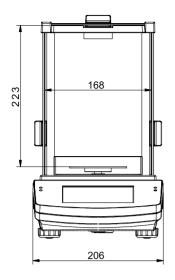
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repeatability is expressed as a standard deviation from 10 weighing cycles parameter determined in the following temperature range: $+15 \div +35$ °C stabilization time depends on external conditions and dynamics of placing loads on a pan, determined for FAST profile ***

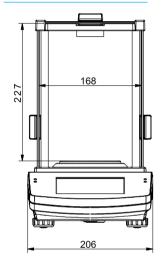
**** non-condensing conditions

Values of parameters provided in Technical Specifications table, have been determined under stable laboratory conditions. Due to ambient conditions impact or/and balance setup, the above parameters may vary for environments other than laboratory.

Dimensions



AS X2, d = 0.01 mg



AS X2, d = 0.1 mg

Accessories

Weighing Tables

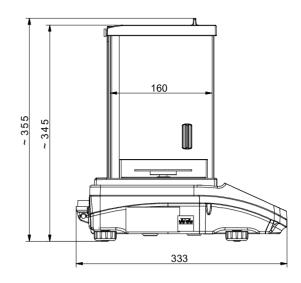
- granite antivibration table
- antivibration tables for laboratory balances
- professional weighing table

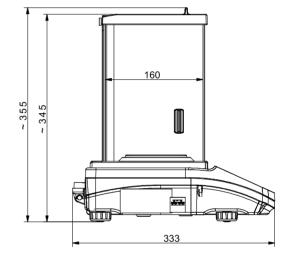
Professional Weighing

- ${\scriptstyle \bullet}$ laboratory ware holders ${\scriptstyle \bullet}$ KIT 85 density determination kit
- under-hook weighing rack
- **Ambient Conditions**
- DJ-04 anti-static ioniser

Peripheral Devices

- label printer
- receipt printer
- Epson dot matrix printer
- barcode scanners
- WD-6 LCD display





Cables, Converters

- P0108: RS 232 cable (balance-computer)
- P0151: RS 232 cable (balance Epson printer)
- USB cable type A-B

Draft shields and anti-draft chambers

• protective cover for X2 series indicator

Electrical Accessories

• ZR-02 power supply with battery

Dedicated Software

R-LAB

- collecting measurements
- carrying out statistical analysis of measurements
- customized graphs and reports

E2R Weighing Records

- complete, automated databases synchronization
- fully supported processes of labelling and parts counting
- record of weighings, weighings archiving
- basic and advanced (with graphs) reports

Alibi Reader

- readout of data saved to Alibi memory
- export of data saved to Alibi memory
- data filtering and reports generating
- saving ALIBI database to CSV file

R.Barcode

• The basic function software is presentation of the data sent by barcode scanners connected to PC via USB or RS232

RAD KEY

• Establishing cooperation between a weighing instrument and a computer

Radwag Development Studio

- presentation of functions (and subfunctions) of communication protocol (Common Communication Protocol)
- possibility of connection with weighing equipment on which each

function is carried out,

- library with mass control, contained within the development environment
- complete documentation of the communication protocol
- set of user manuals for different solutions addressed for programmers employed in companies using RADWAG-manufactured weighing equipment

RADWAG Connect

- establishing communication with all balances, scales and weighing modules using Common Communication Protocol
- communication via local network,
- support of basic functions
- auto searching for devices
- connecting with few devices simultaneously, swapping between them
- clear list of connected platforms
- record of measurements in the program,
- export of carried out measurements to CSV file,
- work performed using freely selected device with Windows 10
- operating system

LabView Driver

operation of RADWAG balances in LabView environment