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AS 62.X7 Analytical Balance



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AS 62.X7 Analytical Balance

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

Functions

Q	Autotest	٢	Dosing	%	Percent Weighing		Parts counting
MAX	Peak hold		Formulation	7	Newton unit measurement	<u>al</u>	Statistics
- <u>0K</u> +	Checkweighing	4	IR sensors	\$	Under-pan weighing	GLP	GLP Procedures
4	Animal weighing	ρ	Density determination	ſ	Ambient conditions monitoring	G	Replaceable unit
SQC	Statistical Quality Control		ALIBI Memory	₩	Mass for titrator	(11.	Wi-Fi

Datasheet

Metological parametersImageMaximum capacity Maxi62 gReadability [d]0.01 mgVerification unit [d]-Tare range-62 gStandard repeatability [5%, Max]0.01 mgStandard repeatability [5%, Max]0.017 mgStandard repeatability [5%, Max]0.017 mgStandard repeatability [5%, Max]0.020 mgStandard repeatability [5%, Max]0.020 mgStandard minimum weight (US\$)0.020 mgPermissible repeatability [Max]0.030 mgStandard minimum weight (US\$)0.020 mgStandard minimum weight (US\$)0.		AS 62.X7 Analytical Balance
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Permissible repeatability [Max]0.03 mgLinearity4.0.05 mgStabilization time2 sAdjustmentinternal (automatic)OIML Class-Physical parameterssemi-automatic - LevelSENSINGDisplaySemi-automatic - LevelSENSINGDisplay7 graphic colour touchscreenWeighing chamber doorsmanualDelivery componentsBalance, weighing pan, weighing pan shiejd, centring ring, bottom cover, power supply, fabric dust cover.Weighing thamber dimensions90 open-work pan + ø85 (option) mmPackaging dimensions545x455x57 mmNet weight7.3 kgConstructionPachageneProtection class1943Components and software1943Database capacity7Features of use21 RS enorsCommunication interfaceRS2221 xxUSB-A (interchangeable), USB-B, Wi-Fi, Ethem etElectrical parametersSizer: 10 - 240V AC S0/60/kz 0, 6A; 12V DC 1, 2APower supplyAginer: 100 - 240V AC S0/60/kz 0, 6A; 12V DC 1, 2APower supplyAginer: 10 - 240V AC S0/60/kz 0, 6A; 12V DC 1, 2APower supplyAginer: 10 - 240V AC S0/60/kz 0, 6A; 12V DC 1, 2APower consumption max.4WEnvironmental conditions4WEnvironmental conditions4WEnvironmental conditionsHIBR 2.0 System, THBR BOX, THB P, THB W, THB S	Standard minimum weight (U=1%, k=2)	2 mg
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Stabilization time 2 s Adjustment internal (automatic) OIML Class - Physical parameters - Leveling system semi-automatic - LevelSENSING Display 7'graphic colour touchscreen Weighing chamber doors manual Balance, weighing pan, weighing pan shield, centring ring, bottom cover, power supply, fabric dust cover. Weighing chamber dimensions 900 open-work pan + ø85 (option) mm Packaging dimensions 940 open-work pan + ø85 (option) mm Packaging dimensions 93 kg Construction 7.31 kg Protection class IP 43 Components and software - Database capacity 7 as Resorrs Communication interface Resorrs Communication interface Resorrs Power supply Adapter: 100 - 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 - 15V DC 0,8A max Power consumption max. 4 W Elevirion generature +10 + 40 °C Power consumption max. HB 20 System, THBE ROX, THBE PV, THB SW	Permissible repeatability [Max]	0,03 mg
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betweety components bottom cover, power supply, fabric dust cover. bottom cover, power supply, fabric dust cover. betweight apd components	Weighing chamber doors	manual
Weighing pan dimensionsø90 open-work pan + ø85 (option) mmPackaging dimensions545×455×575 mmNet weight7,31 kgGross weight9,3 kgConstruction943Protection classIP 43Components and software7Database capacity7Features of use2 IR SensorsCommunication interfaceRS232', 2×USB-A (interchangeable), USB-B, Wi-Fi, EthernetElectrical parametersAdapter: 100 - 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 - 15V DC 0,8A maxPower supplyAdapter: 100 - 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 - 15V DC 0,8A maxPower consumption max.4 WEnvironmental conditions4 UEnvironmental conditions monitoring (option)HIBR 2.0 System, THBR BOX, THB P, THB W, THB S	Delivery components	
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Net weight7,31 kgRet weight7,31 kgGross weight9,3 kgConstructionIProtection classIP 43Components and software7Database capacity7Features of useITouch-free operation2 IR SensorsCommunication interfaceRS232', 2×USB-A (interchangeable), USB-B, Wi-Fi, EthernetElectrical parametersIPower supplyAdater: 100 - 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 - 15V DC 0,8A maxPower consumption max.4 WEnvironmental conditionsIOperating temperature+10 ÷ +40 °CAmbient conditions monitoring (option)THBR 2.0 System, THBR BOX, THB P, THB W, THB S	Weighing pan dimensions	ø90 open-work pan + ø85 (option) mm
Gross weight9,3 kgConstruction9Protection classIP 43Components and softwareIP 43Database capacity7Features of use2 IR SensorsCommunication interface2 IR SensorsCommunication interfaceRS232', 2×USB-A (interchangeable), USB-B, Wi-Fi, EthernetElectrical parameters4dapter: 100 - 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 - 15V DC 0,8A maxPower consumption max.4 WEnvironmental conditions10 ÷ 440 °CAmbient conditions monitoring (option)THBR 2.0 System, THBR BOX, THB P, THB W, THB S	Packaging dimensions	545×455×575 mm
ConstructionIP 43Protection classIP 43Components and softwareIP 43Database capacity7Features of useITouch-free operation2 IR SensorsCommunication interfaceRS232 ¹ , 2×USB-A (interchangeable), USB-B, Wi-Fi, EthernetElectrical parametersIPower supplyAdapter: 100 - 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 - 15V DC 0,8A maxPower consumption max.4 WEnvironmental conditionsIOperating temperature+10 ÷ +40 °CAmbient conditions monitoring (option)THBR 2.0 System, THBR BOX, THB P, THB W, THB S	Net weight	7,31 kg
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Features of useImage: constraint of useTouch-free operation2 IR SensorsCommunication interfaceRS232', 2×USB-A (interchangeable), USB-B, Wi-Fi, EthernetCommunication interfaceRS232', 2×USB-A (interchangeable), USB-B, Wi-Fi, EthernetElectrical parametersImage: constraint of use of us	Components and software	
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Communication interfaceRS232¹, 2×USB-A (interchangeable), USB-B, Wi-Fi, EthernetCommunication interfaceRS232¹, 2×USB-A (interchangeable), USB-B, Wi-Fi, EthernetElectrical parametersAdapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,8A maxPower supplyAdapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,8A maxPower consumption max.4 WEnvironmental conditions+10 ÷ 40 °COperating temperature+10 ÷ 440 °CAmbient conditions monitoring (option)HIBR 2.0 System, THBR BOX, THB P, THB W, THB S	Features of use	
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Operating temperature+10 ÷ +40 °CAmbient conditions monitoring (option)THBR 2.0 System, THBR BOX, THB P, THB W, THB S	Power consumption max.	4 W
Ambient conditions monitoring (option) THBR 2.0 System, THBR BOX, THB P, THB W, THB S	Environmental conditions	
	Operating temperature	+10 ÷ +40 °C
Relative humidity40% ÷ 80%	Ambient conditions monitoring (option)	THBR 2.0 System, THBR BOX, THB P, THB W, THB S
	Relative humidity	40% ÷ 80%

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. 1 Barcode scanners, available as weighing instrument accessory, communicate with the instrument via RS232 interface exclusively.



Accessories

- Antivibration Tables Power Adapters Cigarette lighter receptacle power supply cables Density determination KIT USB cable (scale - printer) Professional Weighing Tables Barcode scanners Workstation for Pipettes Calibration RS 232, RS 485 cables THBR 2.0 System - Ambient Conditions Monitoring
- Software

RAD-KEY R-LAB RADWAG Development Studio

Device dimensions

AS 62.X7 Analytical Balance

Displays Protective cover for balances Weighing dishes Antistatic ionizer Receipt Printer RS 232, RS 485 cables Additional modules Under-pan weighing RS 232 cables (scale - printer) RS 232 – RS 485 Converter

Alibi Reader Scales Editor 2.1



