

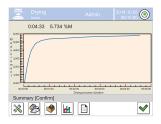
MA 3Y Moisture Analyzers

Maximum functionality and a 'professional level' measurement in drying processes and moisture content analysis





Drying programs and finish modes database



Drying process vizualization



5.7" colour touch screen assuring intuitive operation

Functions



Moisture content analysis

Dry mass

determination



modes

Drying process

vizualization



procedures

sensors





Multilingual



Measurement Precision Along with High Performance and Productivity

Due to ideal measurement parameters and high performance, the MA 3Y moisture analyzers can be used for vast range of moisture content determination processes.

Mass Measurement Accuracy and Drying Temperature Optimisation

Smart control of heating modules operation guarantees optimum drying temperature, fast and precise measurement and short analysis, plus repeatability throughout the measurement series. You have numerous drying profiles at your disposal, they ensure various methods of obtaining the pre-set temperature.

Online Drying Process Visualisation

MA 3Y moisture analyzer enables display of dynamically registered graph that visualizes the drying process, and bar graph that controls sample's mass. With this the measurement process is monitored to the maximum

Intuitive Operation and Touch Screen

5.7" colour touch screen enables intuitive operation and easy access to numerous applications and functions.

Replaceable

Automatic Control of the Level

Leveling system facilitates adjustment of device level, it also uninterruptedly controls the level state, and informs about potential level deviations.

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.

Databases as Drying Processes Support

Possibility to record sample-related information and drying parameters in the database improves managing of measurement processes and makes comfort of operation more advanced.

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Technical Specifications

Additional functions sample traceability, drying process graph sample traceability, drying process graph sample traceability, drying process graph USB-A 2 2 2 RS 232 1 1 1 Wi-Fi** 802.11 b/g/n 90 m/l 802.11 b/g/n 802.11 b/g/		MA 60.3Y	MA 60.3Y.WH	MA 60.3Y.NS
Tare range −60 g −60 g −60 g −60 g Maximus ample weight 60 g 60 g 60 g Orlying temperature range max. 160°C max. 250°C max. 160°C Moisture content readability 0.005% (ca. 2 g sample) 0.05% (ca. 2 g sample) 0.05% (ca. 2 g sample) 0.05% (ca. 2 g sample) Adjustment external	Maximum capacity [Max]	60 g	60 g	60 g
Maximum sample weight 60 g 60 g 60 g 60 g Drying temperature range max.160 °C max.250 °C max.160 °C max.160 °C max.160 °C max.160 °C max.160 °C most repeatability 0.0001% 0.0001% 0.0001% 0.005% (ca. 2g sample). 0.05% (ca. 2g sample). 0.05% (ca. 2g sample). 0.01% (ca. 10 g samp	Readability [d]	0.1 mg	0.1 mg	0.1 mg
Dying temperature ange max. 160 °C max. 250 °C max. 160 °C Moisture content readability 0.0001% 0.0001% 0.0001% 0.0001% Moisture content repeatability 0.05% (ca. 2 g sample), 0.01% (ca. 10 g sample) 0.05% (ca. 2 g sample), 0.01% (ca. 10 g sample) 0.00% (ca. 2 g sample), 0.01% (ca. 10 g sample) Adjustment external external external external Display 5.7° Colour, resistive touch screen 6.8 8 keys 8 keys 8 keys 8 keys	Tare range	–60 g	-60 g	-60 g
Moisture content readability 0.0001% 0	Maximum sample weight	60 g	60 g	60 g
Moisture content repeatability 0.05% (ca. 2 g sample), 0.05% (ca. 2 g sample), 0.01% (ca. 1 g sample) 0.05% (ca. 2 g sample), 0.01% (ca. 1 g sample) 0.05% (ca. 2 g sample), 0.01% (ca. 1 g sample) Adjustment external external external Display 5.7° colour, resistive touch screen 5.7° colour, resistive touch screen 5.7° colour, resistive touch screen Keypad 8 keys 8 keys 8 keys Heating module IR emitter halogen lamp metal heater Databases 10 10 10 Prying profiles standard, fast, step, mild user-defined user	Drying temperature range	max. 160 °C	max. 250 °C	max. 160 °C
Adjustment 0.01% (ca. 10 g sample) 0.01% (ca. 10 g sample) 0.01% (ca. 10 g sample) Display cxternal external external Expade 8 keys 8 keys 8 keys 8 keys Heating module IR emitter halogen lamp metal heater Databases 10 10 10 Drying profiles standard, fast, step, mild standard, fast, step, mild standard, fast, step, mild Finish mode 2 programmable proximity sensors 2 programmable proximity sensors 2 programmable proximity sensors 2 programmable proximity sensors Additional functions sample traceability, drying process graph USB-A 2 2 2 2 RS 232 1 1 1 Wi-Fi* 802.11 b/g/n	Moisture content readability	0.0001%	0.0001%	0.0001%
Display 5.7° colour, resistive touch screen 5.7° colour, and to screen 5.7° colour, and screen screen screen	Moisture content repeatability		<u> </u>	
Keypad 8 keys 8 keys 8 keys Heating module IR emitter halogen lamp metal heater Databases 10 10 10 Drying profiles standard, fast, step, mild standard, fast, step, mild standard, fast, step, mild Finish mode manual, automatic, time-defined, user-defined manual, automatic, time-defined, user-defined manual, automatic, time-defined, user-defined Touch-free operation 2 programmable proximity sensors 2 programmable proximity sensors 2 programmable proximity sensor 2 programmable proximity sensor Additional functions sample traceability, drying process graph sample traceability, drying process sample traceability, drying process sample traceability, drying process graph USB-A 2 2 2 2 2 2 2 3 4 1 1 1 4 M 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4	Adjustment	external	external	external
Heating module IR emitter halogen lamp metal heater Databases 10 10 10 Drying profiles standard, fast, step, mild standard, fast, step, mild standard, fast, step, mild Finish mode manual, automatic, time-defined, user-defined description programmable proximity sensor 2 program belefined, with sensor	Display	5.7" colour, resistive touch screen	5.7" colour, resistive touch screen	5.7" colour, resistive touch screen
Databases 10 10 10 Drying profiles standard, fast, step, mild standard, fast, step, mild standard, fast, step, mild standard, fast, step, mild Finish mode manual, automatic, time-defined, user-defined user-defined manual, automatic, time-defined, user-defined manual, automatic, time-defined, user-defined Touch-free operation 2 programmable proximity sensors 2 programmable proximity sensors 3 ample traceability, drying process graph 4 log traceability, drying process graph	Keypad	8 keys	8 keys	8 keys
Dying profiles standard, fast, step, mild standard, fast, step, mild standard, fast, step, mild standard, fast, step, mild Finish mode manual, automatic, time-defined, user-defined user-defined manual, automatic, time-defined, user-defined manual, automatic, time-defined, user-defined Touch-free operation 2 programmable proximity sensors 2 programmable proximity sensors 2 programmable proximity sensors Additional functions sample traceability, drying process graph sample traceability, drying process graph USB-A 2 2 RS 232 1 1 1 Wi-Fi* 802.11 b/g/n 802.11 b/g/n 802.11 b/g/n 802.11 b/g/n 802.11 b/g/n Ethernet 10 / 100 Mbit IN/OUT 4 x IN, 4 x OUT 4 x IN, 4 x OUT 4 x IN, 4 x OUT 8 W (during weighing) and max 450 W (during weighing) and max 450 W (during drying) 8 W (during weighing) and max 450 W (during drying) 8 W (during weighing) and max 450 W (during drying) 4 50 W 4 50 W Departing temperature +10 ÷ +40 °C +10 ÷ +40 °C +10 ÷ +40 °C +10 ÷ +40 °C -2	Heating module	IR emitter	halogen lamp	metal heater
Finish mode manual, automatic, time-defined, user-defined manual, automatic, time-defined, user-defined manual, automatic, time-defined, user-defined Touch-free operation 2 programmable proximity sensors 3 programmable proximity sensors 2 programmable proximity sensors 3 sample traceability, drying process graph 2 2 2 2 2 2 2 2 2 2 2 2 2 2 10 10 Mbit 10 10 Mbit 10 10 Mbit	Databases	10	10	10
Touch-free operationuser-defineduser-defineduser-definedTouch-free operation2 programmable proximity sensors2 programmable proximity sensors2 programmable proximity sensors2 programmable proximity sensorsAdditional functionssample traceability, drying process graphsample traceability, drying process graphsample traceability, drying process graphUSB-A22RS 332111Wi-Fi*802.11 b/g/n802.11 b/g/n802.11 b/g/n802.11 b/g/nEthernet10 / 100 Mbit10 / 100 Mbit10 / 100 MbitIN/OUT4 x IN, 4 x OUT4 x IN, 4 x OUT4 x IN, 4 x OUTPower supply230 V230 V230 VPower consumption8W (during weighing) and max 450 W (during drying)8W (during drying)8W (during drying)Heating module power450 W450 W450 WOperating temperature110 ÷ +40 °C10 ÷ +40 °C10 ÷ +40 °CAtmospheric humidity*40 ÷ 80%40 ÷ 80%40 ÷ 80%Transport and storage temperature-20 ÷ +50 °C20 ÷ +50 °C20 ÷ +50 °CMaximum sample heighth= 20 mmh= 20 mmh= 20 mmWeighing pan dimensions40 90 mm, h= 8 mm90 90 mm, h= 8 mm90 90 mm, h= 8 mmWeighing device dimensions436 x 250 x 190 mm436 x 250 x 190 mm436 x 250 x 190 mmNet weight10 kg10 kg10 kg10 kg	Drying profiles	standard, fast, step, mild	standard, fast, step, mild	standard, fast, step, mild
Additional functionssample traceability, drying process graphsample traceability, drying process graphsample traceability, drying process graphUSB-A22RS 23211Wi-Fi°802.11 b/g/n802.11 b/g/n802.11 b/g/nEthernet10 / 100 Mbit10 / 100 Mbit10 / 100 MbitIN/OUT4 × IN, 4 × OUT4 × IN, 4 × OUT4 × IN, 4 × OUTPower supply230 V230 V230 VPower consumption8W (during weighing) and max 450 W (during drying)8W (during drying)8W (during drying)Heating module power450 W450 W450 WOperating temperature+10 ÷ +40 °C+10 ÷ +40 °C+10 ÷ +40 °CAtmospheric humidity*40 ÷ 80%40 ÷ 80%40 ÷ 80%Transport and storage temperature-20 ÷ +50 °C-20 ÷ +50 °C-20 ÷ +50 °CMaximum sample heighth= 20 mmh= 20 mmh= 20 mmWeighing pan dimensions90 mm, h= 8 mm90 mm, h= 8 mm90 mm, h= 8 mmWeighing device dimensions436 × 250 × 190 mm436 × 250 × 190 mmNet weight6 kg6 kg6 kgGross weight10 kg10 kg10 kg	Finish mode			
USB-A graph graph graph RS 232 1 1 1 Wi-Fi* 802.11 b/g/n 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 IN/OUT 4 × IN, 4 × OUT Power supply 230 V 230 V 230 V 230 V Power consumption 8 W (during weighing) and max 450 W (during drying) W (during drying) 8 W (during drying) 8 W (during drying) 4 × 50 W 4 × 50 W Operating temperature +10 ÷ +40 °C	Touch-free operation	2 programmable proximity sensors	2 programmable proximity sensors	2 programmable proximity sensors
RS 232 1 1 1 Wi-Fi® 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 IN/OUT 4 × IN, 4 × OUT 4 × IN, 4 × OUT 4 × IN, 4 × OUT Power supply 230 V 230 V 230 V Power consumption 8 W (during weighing) and max 450 W (during drying) 8 W (during weighing) and max 450 W (during drying) 8 W (during drying) 450 W Operating temperature 450 W 450 W 450 W 450 W Atmospheric humidity® 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% Transport and storage temperature 20 ÷ +50 °C 20 ÷ +50 °C 20 ÷ +50 °C Maximum sample height h= 20 mm h= 20 mm h= 20 mm Weighing pan dimensions 90 mm, h= 8 mm 90 mm, h= 8 mm 436 × 250 × 190 mm 436 × 250 × 190 mm 436 × 250 × 190 mm Net weight 6 kg 6 kg 6 kg 6 kg 6 kg	Additional functions	, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,	
Wi-Fi° 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 IN/OUT 4 × IN, 4 × OUT 4 × IN, 4 × OUT 4 × IN, 4 × OUT Power supply 230 V 230 V 230 V Power consumption 8 W (during weighing) and max 450 W (during drying) 8 W (during drying) and max 450 W (during drying) 8 W (during drying) and max 450 W (during drying) 8 W (during drying) and max 450 W (during drying) 8 W (during drying) 9 W (during drying) 9 W (during drying) 9 W (during drying) 9	USB-A	2	2	2
Ethernet 10 / 100 Mbit 4x IN, 4 x OUT 230 V 200 V 200 Mm 200 Mm 200 Mm 450 W 200 Mm 200 Mm 450 W 200 Mm 450 W 450 W 450 W 40 ÷ 80 W 4	RS 232	1	1	1
IN/OUT 4 × IN, 4 × OUT 4 × IN, 4 × OUT 4 × IN, 4 × OUT Power supply 230 V 230 V 230 V Power consumption 8 W (during weighing) and max 450 W (during drying) 8 W (during drying) and max 450 W (during drying) 8 W (during drying) and max 450 W (during drying) 8 W (during drying) and max 450 W (during drying) 90 W (during drying) 450 W 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% 80 W 40 ÷ 80% 40 ÷ 80% 80 w 90 mm 40 ÷ 80% 40 ÷	Wi-Fi®	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
Power supply 230 V 230 V 230 V Power consumption 8 W (during weighing) and max 450 W (during drying) 8 W (during drying) 8 W (during drying) and max 450 W (during drying) 8 W (during drying) and max 450 W (during drying) Heating module power 450 W 450 W 450 W 450 W 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 Maximum sample height h= 20 mm Medighing pan dimensions 990 mm, h= 8 mm 990 mm, h= 8 mm 990 mm, h= 8 mm 436 × 250 × 190 mm 436 × 250 × 190 mm 436 × 250 × 190 mm 6 kg 6 kg <th>Ethernet</th> <th>10 / 100 Mbit</th> <th>10 / 100 Mbit</th> <th>10 / 100 Mbit</th>	Ethernet	10 / 100 Mbit	10 / 100 Mbit	10 / 100 Mbit
Power consumption8 W (during weighing) and max 450 W (during drying)8 W (during weighing) and max 450 W (during drying)8 W (during weighing) and max 450 W (during drying)Heating module power450 W450 W450 WOperating temperature+10 ÷ +40 °C+10 ÷ +40 °C+10 ÷ +40 °CAtmospheric humidity*40 ÷ 80%40 ÷ 80%40 ÷ 80%Transport and storage temperature-20 ÷ +50 °C-20 ÷ +50 °CMaximum sample heighth= 20 mmh= 20 mmh= 20 mmWeighing pan dimensionsØ 90 mm, h= 8 mmØ 90 mm, h= 8 mmØ 90 mm, h= 8 mmWeighing device dimensions436 × 250 × 190 mm436 × 250 × 190 mm436 × 250 × 190 mmNet weight6 kg6 kg6 kg6 kgGross weight10 kg10 kg10 kg	IN/OUT	$4 \times IN, 4 \times OUT$	$4 \times IN, 4 \times OUT$	$4 \times IN, 4 \times OUT$
Heating module power $450 \mathrm{W}$ $450 \mathrm{W}$ $450 \mathrm{W}$ $450 \mathrm{W}$ Operating temperature $+10 \div +40 ^{\circ}\mathrm{C}$ $+10 \div +40 ^{\circ}\mathrm{C}$ $+10 \div +40 ^{\circ}\mathrm{C}$ $+10 \div +40 ^{\circ}\mathrm{C}$ Atmospheric humidity* $40 \div 80\%$ $40 \div 80\%$ $40 \div 80\%$ $40 \div 80\%$ Transport and storage temperature $-20 \div +50 ^{\circ}\mathrm{C}$ $-20 \div +50 ^{\circ}\mathrm{C}$ $-20 \div +50 ^{\circ}\mathrm{C}$ Maximum sample height $h=20 \mathrm{mm}$ $h=20 \mathrm{mm}$ $h=20 \mathrm{mm}$ $h=20 \mathrm{mm}$ Weighing pan dimensions $0.90 \mathrm{mm}$, $h=8 \mathrm{mm}$ $0.90 \mathrm{mm}$, $h=8 \mathrm{mm}$ $0.90 \mathrm{mm}$, $h=8 \mathrm{mm}$ Weighing device dimensions $436 \times 250 \times 190 \mathrm{mm}$ $436 \times 250 \times 190 \mathrm{mm}$ $436 \times 250 \times 190 \mathrm{mm}$ Net weight $6 \mathrm{kg}$ $6 \mathrm{kg}$ $6 \mathrm{kg}$ $6 \mathrm{kg}$ Gross weight $10 \mathrm{kg}$ $10 \mathrm{kg}$ $10 \mathrm{kg}$	Power supply	230 V	230 V	230 V
Operating temperature +10 ÷ +40 °C +10 ÷ +40 °C +10 ÷ +40 °C Atmospheric humidity* 40 ÷ 80% 40 ÷ 80% 40 ÷ 80% Transport and storage temperature -20 ÷ +50 °C -20 ÷ +50 °C -20 ÷ +50 °C Maximum sample height h= 20 mm h= 20 mm h= 20 mm Weighing pan dimensions Ø 90 mm, h= 8 mm Ø 90 mm, h= 8 mm Ø 90 mm, h= 8 mm Weighing device dimensions 436 × 250 × 190 mm 436 × 250 × 190 mm 436 × 250 × 190 mm Net weight 6 kg 6 kg 6 kg Gross weight 10 kg 10 kg 10 kg	Power consumption			
Atmospheric humidity* $40 \div 80\%$ $40 \div 80\%$ $40 \div 80\%$ $40 \div 80\%$ Transport and storage temperature $-20 \div +50 ^{\circ}\text{C}$ $-20 \div +50 ^{\circ}\text{C}$ $-20 \div +50 ^{\circ}\text{C}$ Maximum sample height $h = 20 \text{mm}$ $h = 20 \text{mm}$ $h = 20 \text{mm}$ Weighing pan dimensions $\emptyset 90 \text{mm}$, $h = 8 \text{mm}$ $\emptyset 90 \text{mm}$, $h = 8 \text{mm}$ $\emptyset 90 \text{mm}$, $h = 8 \text{mm}$ Weighing device dimensions $436 \times 250 \times 190 \text{mm}$ $436 \times 250 \times 190 \text{mm}$ $436 \times 250 \times 190 \text{mm}$ Net weight 6kg 6kg 6kg Gross weight 10kg 10kg 10kg	Heating module power	450 W	450 W	450 W
Transport and storage temperature $-20 \div +50 \degree \text{C}$ $-20 \div +50 \degree \text{C}$ $-20 \div +50 \degree \text{C}$ Maximum sample height $h=20 \text{ mm}$ $h=20 \text{ mm}$ $h=20 \text{ mm}$ Weighing pan dimensions $\emptyset 90 \text{ mm}, h=8 \text{ mm}$ $\emptyset 90 \text{ mm}, h=8 \text{ mm}$ $\emptyset 90 \text{ mm}, h=8 \text{ mm}$ Weighing device dimensions $436 \times 250 \times 190 \text{ mm}$ $436 \times 250 \times 190 \text{ mm}$ $436 \times 250 \times 190 \text{ mm}$ Net weight 6 kg 6 kg 6 kg Gross weight 10 kg 10 kg 10 kg	Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C	+10 ÷ +40 °C
temperature Maximum sample height h= 20 mm h= 20 mm h= 20 mm Weighing pan dimensions Ø 90 mm, h= 8 mm Ø 90 mm, h= 8 mm Ø 90 mm, h= 8 mm Weighing device dimensions 436 × 250 × 190 mm 436 × 250 × 190 mm 436 × 250 × 190 mm Net weight 6 kg 6 kg 6 kg Gross weight 10 kg 10 kg 10 kg	Atmospheric humidity*	40 ÷ 80%	40 ÷ 80%	40 ÷ 80%
Weighing pan dimensions Ø 90 mm, h= 8 mm Weighing device dimensions 436 × 250 × 190 mm 436 × 250 × 190 mm 436 × 250 × 190 mm Net weight 6 kg 6 kg 6 kg Gross weight 10 kg 10 kg 10 kg	•	-20 ÷ +50 °C	-20 ÷ +50 °C	-20 ÷ +50 °C
Weighing device dimensions 436 × 250 × 190 mm 436 × 250 × 190 mm 436 × 250 × 190 mm Net weight 6 kg 6 kg 6 kg Gross weight 10 kg 10 kg 10 kg	Maximum sample height	h= 20 mm	h= 20 mm	h= 20 mm
Net weight 6 kg 6 kg 6 kg Gross weight 10 kg 10 kg 10 kg	Weighing pan dimensions	ø 90 mm, h= 8 mm	ø 90 mm, h= 8 mm	ø 90 mm, h= 8 mm
Gross weight 10 kg 10 kg 10 kg	Weighing device dimensions	436 × 250 × 190 mm	436 × 250 × 190 mm	436 × 250 × 190 mm
	Net weight	6 kg	6 kg	6 kg
Packaging dimensions 595 × 395 × 420 mm 595 × 395 × 420 mm 595 × 395 × 420 mm	Gross weight	10 kg	10 kg	10 kg
	Packaging dimensions	595 × 395 × 420 mm	595 × 395 × 420 mm	595 × 395 × 420 mm

^{*} non-condensing conditions

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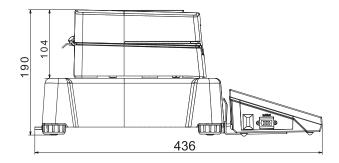
Technical Specifications

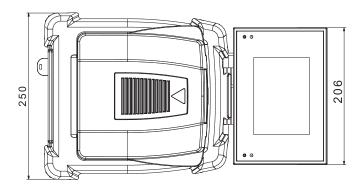
	MA 200.3Y	MA 200.3Y.WH	MA 200.3Y.NS
Maximum capacity [Max]	200 g	200 g	200 g
Readability [d]	1 mg	1 mg	1 mg
Tare range	–200 g	–200 g	–200 g
Maximum sample weight	200 g	200 g	200 g
Drying temperature range	max. 160 °C	max. 250 °C	max. 160 °C
Moisture content readability	0.001%	0.001%	0.001%
Moisture content repeatability	0.05% (ca. 2 g sample) 0.01% (ca. 10 g sample)	0.05% (ca. 2 g sample) 0.01% (ca. 10 g sample)	0.05% (ca. 2 g sample) 0.01% (ca. 10 g sample)
Adjustment	external	external	external
Display	5.7" colour, resistive touch screen	5.7" colour, resistive touch screen	5.7" colour, resistive touch screen
Keypad	8 keys	8 keys	8 keys
Heating module	IR emitter	halogen lamp	metal heater
Databases	10	10	10
Drying profiles	standard, fast, step, mild	standard, fast, step, mild	standard, fast, step, mild
Finish mode	manual, automatic, time-defined, user-defined	manual, automatic, time-defined, user-defined	manual, automatic, time-defined, user-defined
Touch-free operation	2 programmable proximity sensors	2 programmable proximity sensors	2 programmable proximity sensors
Additional functions	sample traceability, drying process graph	sample traceability, drying process graph	sample traceability, drying process graph
USB-A	2	2	2
RS 232	1	1	1
Wi-Fi®	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
IN/OUT	$4 \times IN, 4 \times OUT$	$4 \times IN, 4 \times OUT$	$4 \times IN, 4 \times OUT$
Power supply	230 V	230 V	230 V
Power consumption	8 W (during weighing) and max 450 W (during drying)	8 W (during weighing) and max 450 W (during drying)	8 W (during weighing) and max 450 W (during drying)
Heating module power	450 W	450 W	450 W
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C	+10 ÷ +40 °C
Atmospheric humidity*	40 ÷ 80%	40 ÷ 80%	40 ÷ 80%
Transport and storage temperature	-20 ÷ +50 °C	−20 ÷ +50 °C	-20 ÷ +50 °C
Maximum sample height	h= 20 mm	h= 20 mm	h= 20 mm
Weighing pan dimensions	ø 90 mm, h= 8 mm	ø 90 mm, h= 8 mm	ø 90 mm, h= 8 mm
Weighing device dimensions	436 × 250 × 190 mm	436 × 250 × 190 mm	436 × 250 × 190 mm
Net weight	6 kg	6 kg	6 kg
Gross weight	10 kg	10 kg	10 kg
Packaging dimensions	595 × 395 × 420 mm	595 × 395 × 420 mm	595 × 395 × 420 mm

^{*} non-condensing conditions

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Accessories

Weighing Tables

antivibration tables for laboratory balances

Special Purpose Weighing

• water vapour permeability determination set

Ambient Conditions

GT105K-12/Z control thermometer

Peripheral Devices

- dot matrix Epson printer
- barcode scanners

Consumables

· disposable pans

Cables, Converters

- P0108: RS 232 cable (balance-computer)
- P0167: RS 232 cable (balance-computer)
- P0151: RS 232 cable (balance Epson printer)

Dedicated Software

R-LAB

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

E2R Moisture Analyzer

- drying programs synchronization
- online preview of the drying process
- drying processes record
- reporting of single and group drying operations

RAD KEY

• Establishing cooperation between a weighing instrument and a computer

RADWAG Remote Desktop

- remote operation via computer, mobile phone or tablet
- sending text messages
- version for Windows 10 and Android systems

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

LabView Driver

• operation of RADWAG balances in LabView environment

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