Moisture analyzers
AGS series

➜ halogen or infrared heaters
➜ high accuracy
➜ drying temperature up to 250°C (only AGS/T250)
➜ displaying drying graph
➜ storing 10 drying programs
➜ RS232C and USB interface for printer and computer
➜ auto and time mode
➜ convenient text menu

AGS series moisture analyzers are used for fast and precise determining of material sample humidity.

EXT external calibration	📅 date/time	**kg lbs** unit selection
GLP GLP compatibility	printout config.	drying graph
	drying programs memory	drying profiles
	% result in percentage	drying report
	🌐 multilanguage	💻 freeware computer program

Options on demand:

— optional infrared heaters
— external calibration thermometer
— single use pans set (10 pcs)
— paper filters set (100pcs)
— glass filters set (100pcs)
— decicated computer software: Promas *freeware*
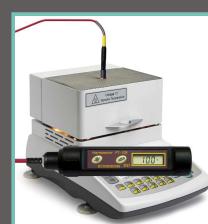
external calibration thermometer
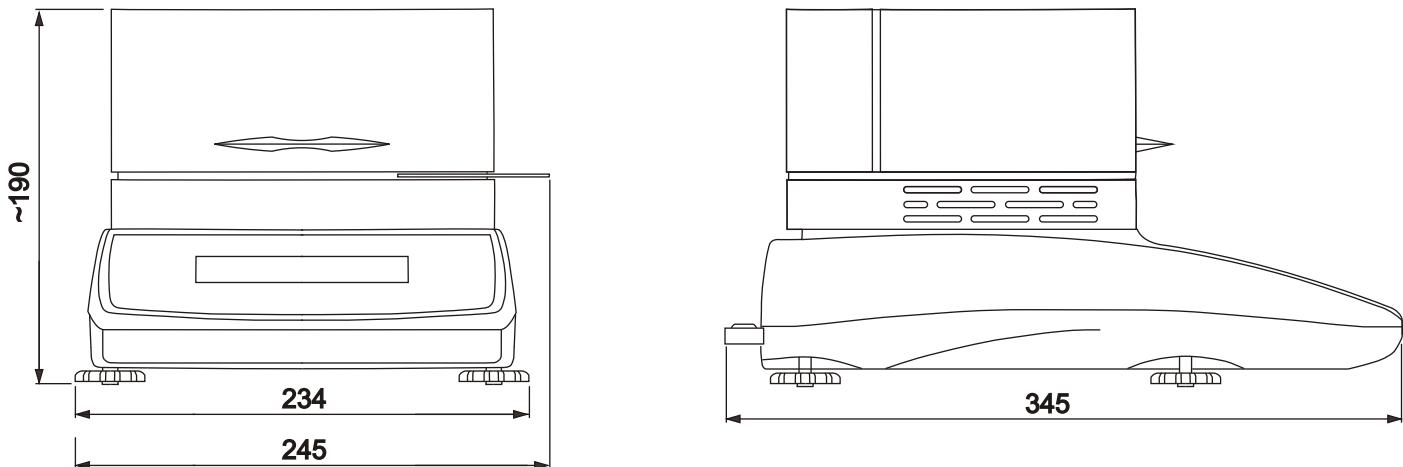
Technical data

Model	AGS50D	AGS60	AGS120	AGS210	AGS60 /T250	AGS120 /T250	AGS210 /T250	AGS60 IR	AGS120 IR	AGS210 IR
Capacity (Max)	50g	60g	120g	210g	60g	120g	210g	60g	120g	210g
Readout (d)	0,1mg	1mg	1mg	1mg	1mg	1mg	1mg	1mg	1mg	1mg
Recommended sample weight	2÷10g									
Working temperature	+10 ÷ +40°C									
Humidity readout precision (range from 0% to 100%)				1% (sample 0,01÷0,5g) 0,1% (sample 0,5÷5g) 0,01% (sample >5g)						
Humidity measurement repeatibility	±0,05% (sample 2g) ±0,02% (sample 5g)			±0,1% (sample 2g) ±0,04% (sample 5g)						
Settings memory	10 drying programs (for 10 different materials)									
Maximal drying temperature	160°C				250°C			160°C		
Sample time	1 ÷ 180s									
Maximal drying time	10h									
Drying modes	time, short (automatic)									
Halogen heaters	2 x 118mm 200W							2 x 118mm 200W		
Wave length / color temperature	1,070μm / 2700°K							2,150μm / 1350°K		
Drying chamber heating time up to 100°C	about 3 min.									
Pan dimensions	φ90mm									
Heating chamber dimensions	φ108 x 20mm									
Interfaces	RS232C (to computer or printer), USB (to computer), PS2 (to keyboard)									
Supply (max power)	~230V 50/60Hz 160VA				~230V 50/60Hz 300VA			~230V 50/60Hz 400VA		
Dimensions	215(235) x 345 x 200mm									
Weight	7kg									
Recommended calibration weight (OIML)	E2 50g	F2 50g	F2 100g	F2 200g	F2 50g	F2 100g	F2 200g	F2 50g	F2 100g	F2 200g