Moisture analysers (AGS series)

6 različitih modela u ponudi u okviru ove serije, težina uzorka do 210 g, temperatura sušenja do 250°C (zavisno od modela), rezolucija 0,001g, brzo mjerenje vlage ili određivanje mase suhe tvari, grafički prikaz, USB interface, software

AGS series analyzers are used for quick and precise determination of material sample humidity. They consist of balance, allowing for continuous weight measurement, and drier, using infrared radiation for sample heating. Drying time and temperature may be adjusted to physical and chemical properties of tested material.

To facilitate parameters selection, analyser allows performing of initial drying and displays drying characteristics chart.

Humidity calculation method is also selected:

humidity in relation to initial weight

humidity in relation to dry weight,

percent content of dry weight.

Connecting of external printer allows for printing reports from performed measurements. Computer connecting allows for preparing of drying charts and recording of measurements results. To facilitate menu operation and reports edition it is possible to connect standard computer keyboard. AGS series analysers are designed for use in food industry, building materials industry, chemistry, biotechnology, wood and paper industry, pharmaceutical industry, environment protection and many more. Main area of application is production and quality control.

Technical data				moisture analyzers		
Model	AGS60	AGS120	AGS210	AGS60/T250	AGS120/T250	AGS210/T250
Balance range (Max)	60g	120g	210g	60g	120g	210g
Readout unit (d)	1mg	1mg	1mg	1mg	1mg	1mg
Work temperature	+18 ÷ +33°C					
Humidity readout precision	1% (sample 0,02÷0,5g) 0,1% (sample 0,5+5g) 0,01% (sample >5g)					
Humidity results repeatibility	±0,1% (sample 2g) ±0,04% (sample 5g)					
Drying maximal temperature	160°C			250°C		
Sample time	1 ÷ 180s					
Maximal drying time	10h					
Halogen radiators	2 x 118mm 200W			2 x 118mm 500W		
Chamber heating time up to 100°C	about 3 min.					
Pan dimensions	ϕ90mm					
Connections	RS232C (to computer or printer), PS2 (to pc keyboard), USB (to computer)					
Dimensions (with legs)	215(235) x 345 x 200mm					
Drying chamber dimensions	ϕ108 x 20mm					
Supply	~230V 50/60Hz 160VA			~230V 50/60Hz 300VA		
Weight	7kg					
Recommended calibration weight (OIML)	F2 50g	F2 100g	F2 200g	F2 50g	F2 100g	F2 200g