AXIS®

NEWS!!!

- accelerated drying process
- increased halogen radiators power
- convenient text menu
- drying graph displaying
- storing 20 drying programs
- cooperation with printer or computer
- report edition using computer keyboard

ATS 60-210
BTS 110D, BTS 110

ATS, BTS series

MOISTURE ANALYZER

Option on demand

ATS and BTS series MOISTURE ANALYZERS

Calibration thermometer

ATS and BTS series moisture analyzers are used for fast and precise determining of material sample humidity. Scale, which is integral part of moisture analyzer, allows measuring mass loss of material sample placed in a drier. Halogen radiators provide fast drying of a sample. ATS series moisture analyzers are based on mechanism of laboratory balances and BTS series moisture analyzers use load cells.
Time, temperature and profile of drying process can be matched to physico-chemical properties of examined material. To facilitate drying parameters selection for examined material, moisture analyzers allow initial drying, the results of which are displayed on a graph.

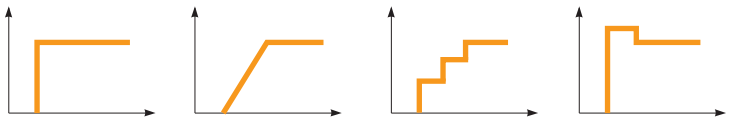
Connecting external printer allows printing measurements reports. In order to facilitate reports edition, connecting computer keyboard to PS2 port is possible.
When using a computer (freeware program!), it is possible to draw graphs and register measurement results.

ATS and BTS series moisture analyzers are designed to work in food industry, construction material industry, chemistry, biotechnology, woodworking industry, pharmaceutical industry, environment protection and others.

Available ways to evaluate humidity:
- humidity in proportion to initial weight
- humidity in proportion to dried weight
- percentage content of dried weight

Drying mode:
- time
- short (automatic)
- manual

Available drying profiles:



Equipment: disposable pans made of aluminium foil (10 pcs.) + computer program (archiving, graphs)

Technical data	moisture analyzers				
Model	ATS60	ATS120	ATS210	BTS110D	BTS110
Range (Max)	60g	120g	210g	110g	110g
Balance reading plot (d)	1mg	1mg	1mg	5mg	10mg
Minimal sample weight	20mg			20mg	
Work temperature	+18 ÷ +33°C			+18 ÷ +33°C	
Density readout precision	1% (sample 0,02÷0,5g) 0,1% (sample 0,5÷5g) 0,01% (sample >5g)			1% (sample 0,02÷2,5g) 0,1% (sample 2,5÷25g) 0,01% (sample >25g)	1% (sample 0,02÷5g) 0,1% (sample 5÷50g) 0,01% (sample >50g)
Humidity measurement repeatibility	±0,1% (sample 2g) ±0,04% (sample 5g)			±0,5% (sample 2g) ±0,2%(sample 5g)	±1% (sample 2g) ±0,4%(sample 5g)
Settings memory	20 drying programs (for 20 different materials)				
Maximal drying temperature	160°C				
Sample time	1 ÷ 180s				
Maximal drying time	10h				
Drying mode	time, short (automatic), manual				
Halogen radiators	2 x 100W 78mm				
Drying chamber heating time up to 100°C	~ 3 min.				
Pan dimensions	90mm				
Drying chamber dimensions	108 x 20mm				
Connections	RS232C (for computer and printer), USB (for computer), PS2 (for computer keyboard)				
Supply	~230V 50Hz 230VA				
Dimensions	185 x 290 x 170mm				
Weight	3,9kg			2,8kg	
Recommended calibration weight (OIML)	F2 50g	F2 100g	F2 200g	F2 100g	F2 100g

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