

 **IIAXIS**®

NEWS!!!



- halogen radiators
- 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

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 based on mechanisms 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.



Calibration thermometer

Connecting external printer allows printing reports of measurements. In order to facilitate reports edition, connecting computer keyboard to PS2 port is possible.

When using a computer (program for free!), 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.

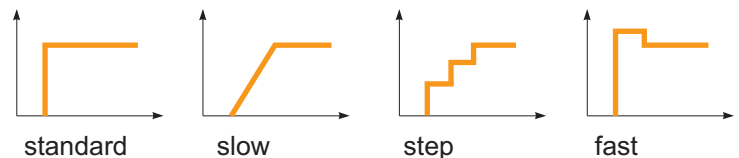
Available ways to evaluate humidity:

- 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)		
Humidity measurement repeatability	±0,1% (sample 2g) ±0,04% (sample 5g)			±0,5% (sample 2g) ±0,2% (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 60W 75mm					
Drying chamber heating time up to 100°C	<3 min.					
Pan dimensions	φ90mm					
Drying chamber dimensions	φ108 x 20mm					
Connections	RS232C (for computer and printer), USB (for computer), PS2 (for computer keyboard)					
Supply	~230V 50Hz 130VA					
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	