

## 5E-MW6522

### Automatic Moisture Analyzer

## 5E-MW6536

### Automatic Moisture Analyzer



### Applications

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5E-MW series Automatic Moisture Analyzer is used to determine the moisture and total moisture content in coal, coke, biomass and other samples, which could be widely applied in thermal power plants, coal industry, metallurgy, petrochemical, cement plants, research institutes, etc.

## Features

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### High accuracy

1. Using the classic blast drying method, the test results of 5E-MW series are accurate and reliable, which comply with the international standard and CNAS laboratory requirement, capable of drying the sample in nitrogen atmosphere.
2. Built-in 0.1mg high-precision electronic balance.

### High efficiency

1. The furnace chamber is made of high-quality stainless steel, with good heat resistance and heat reflection performance, which guarantee the temperature uniformity.
2. Advanced PID temperature control, which gives fast temperature rise and high precision temperature control inside the furnace.

### Easy operation

1. 5E-MW series can complete the whole procedure automatically from the weighing, temperature control, atmosphere control, to the result calculation.
2. Build-in LCD screen displays the weight, crucible No., temperature, and analysis phase in real-time, which makes the operation friendly.
3. Introduced the top-opening furnace door which can automatically open and close. The inside rotatory plate can be rotated manually, which makes the sample loading easy and fast.
4. Built in functions of power-off protection.
5. It has ports for connection with the LIMS.

## Specification

Models	5E-MW6522	5E-MW6536
Conforms to Method	GB/T 211—2017, GB/T 212—2008, ASTM D3302, ASTM D3173	
Analysis Method	Nitrogen Introduced Drying or Air Drying	
Coal Type	Anthracite, Bituminous, Lignite	
Sample Type	≤0.2mm Inherent Moisture Sample (0.9-1.1g) ≤6mm Total Moisture Sample (10-12g)	
Max. Sample Loading	22	36
Analysis Time	Rapid Method: around 1 h/ batch Classical Method: around 2 h/batch (Note: Analysis time depends on the specific sample)	
Max. Temperature	200 C	
Temp. Control Precision	±2 C	
Power Supply	Single Phase, AC220V±10%, 50/60Hz, ≤3kW	
Net Weight	100kg	
Dimension(LxWxH)	720mm x 650mm x 500mm	