

### MOIST-40, Light-Wave Moisture Tester



MOIST-40

#### Application:

Light-Wave Moisture Tester can be used to determine moisture content on air dried basis and total moisture in coal, coke, petroleum, minerals and so on.

#### Conformance with Standards:

ISO117722 Solid mineral fuels Hard coal Determination of moisture in the general analysis test sample by drying in nitrogen

ASTM D5142-09 Standard Test Method for Proximate Analysis of the Analysis Sample of Coal and Coke by Instrumental Procedures  
GB/T212-2008 Standard Test Method for Proximate Analysis of coal  
GB/T211-2007 Determination of total moisture in coal.

#### Wide application scope and high test capacity

Applicable to all varieties and types of coke and coal. It can test 8 samples for moisture content on air dried basis or 6 samples for total moisture each time and is capable of testing several batches of samples continuously.

#### Satisfying umpire analysis

With the provision for passing a current of dry nitrogen through it and adopting light-wave heating, which features high heating rate and even heat distribution, the equipment satisfies umpire analysis.

#### High automation

Automatic weighing function could display real-time sample weight and calculate test results automatically.

#### Easy to handle

With CAN bus, several moisture testers can be controlled by a single PC balance could be connected and data could be transmitted by real-time network transmission.

Model	MOIST-40
Max Sample	8
Sample Weight	(0.9-1.1)g for moisture content on air dried basis (10-12)g for total moisture
Furnace Temperature	105°C to 110°C
Temp. Control Precision	±3°C
Analysis Time	Light wave heating for (20-40)min Microwave heating for (15-30)min Mixed type, rapid heating for (10-20)min
Power Requirement	220V(-15%-10%), 50Hz
Max Power	2kw
Size	512x452x608mm
Net weight	52kg
Standard Layout	Mainframe Lenovo PC (Desktop) Printer

### MOIST-41, Moisture Tester



MOIST-41

#### Application:

Moisture Tester can be used to determine moisture content on air dried basis and total moisture in coal, coke, petroleum, minerals and so on.

#### Conformance with Standards:

ISO117722 Solid mineral fuels Hard coal Determination of moisture in the general analysis test sample by drying in nitrogen

ASTM D5142-09 Standard Test Method for Proximate Analysis of the Analysis Sample of Coal and Coke by Instrumental Procedures  
GB/T212-2008 Standard Test Method for Proximate Analysis of coal  
GB/T211-2007 Determination of total moisture in coal.

#### Wide application scope, high test capacity

Applicable to all varieties and types of coke and coal. It can test 18 samples for moisture content on air dried basis or 9 samples for total moisture each time and is capable of testing several batches of samples continuously.

#### Satisfying umpire analysis

With the provision for passing a current of dry nitrogen through it and adopting light-wave heating, which features high heating rate and even heat distribution, the equipment satisfies umpire analysis.

#### High automation

Automatic weighing function could display real-time sample weight and calculate test results automatically.

#### Easy to handle

With CAN bus, several moisture testers can be controlled by a single PC balance could be connected and data could be transmitted by real-time network transmission.

Model	MOIST-41
Max Sample	18 samples (Inherent moisture) 9 samples (total moisture)
Sample Weight	(0.9-1.1)g for moisture content on air dried basis (10-12)g for total moisture
Furnace Temperature	105°C to 110°C
Temp. Control Precision	±3°C
Analysis Time	(20-40)min
Power Requirement	220V(-15%-10%), 50Hz
Max Power	1.5kw
Size	542x506x564mm
Net weight	53kg
Standard Layout	Moisture Tester Lenovo PC (Desktop) Printer