

Research and design according to authoritative testing standards!

International Oven Method Moisture Meter

Multi-parameter display of solid content,

moisture, measurement curve, etc.

Visualization window design of sample determination process

Custom measurement method for different types of samples

Upgrade halogen lamps, durable and fast heating

Only for the rapid and accurate determination of moisture, let you more satisfied!



QC-E Series

"Drying Method" Halogen Moisture Analyzer

General industry	food, wood, paper, textile, coal, ore, sand, soil, fertilizer, feed, chemical, tobacco
Inorganic salt	calcium carbonate, refractory material, talcum powder, alumina, gypsum, desiccant, eramic slurry, ceramic powder
Food and Drug	Chinese medicine, western medicine, health food, essential oil, dehydrated food, food stuffing, food powder, fruits and vegetables, dried fruit, noodles, sugar, meat, cooking oil, etc.
Battery industry	lithium battery powder, Lithium battery paste, battery class, graphene.
Plastic rubber industry	ABS, PP, PVB, PC, COC, BMC, DMC, SMC, BOPP, PBT plastic film, ESP polylyon, PET plastic, PA polyamide, LCP, PVC, recycled plastic, bottle flakes, PE polyethylene, rubber, PS styrene, EPE pearl wool
Solid content	paint, milk and soy milk, glue, adhesive, rubber, slurry, mud, sludge, silica gel, chocolate, soy sauce, toothpaste, etc.

Our company has a series of moisture measurement technology solutions, welcome to inquire your exclusive moisture measurement solution!

➤ Technical parameters

Model	QC-E100	QC-E50	QC-E20	QC-E10	QC-E01
Weighing Accuracy (d)	0.01g	0.005g	0.002g	0.001g	0.0001g
Moisture Readability	0.01%				0.001%
Moisture Range MC%	0.00%				0.000%
Solid Content Range DC%	-100.00%				-100.000%
Weight Sensor	HBM Strain Gauge Force			Electromagnetic Force	
Weighing Range	128g (optional 224g/300g)				
Calibration Method	External Weight Calibration (Single-Point & Multi-Points)				
Repeatability (Standard Deviation)	≤3d				
Heating Source	Halogen Lamp				
Temperature Sensor	PT-1000 Temperature Transmitter				
Heating Program	Standard Heating, Step heating, Rapid heating, Soft Heating				
Heating Temperature Range	40-250℃				
Temperature Accuracy	0.1℃				
Heating Time setting	1-99 minutes by 1 minute				
Stop Mode	Timing, Manual, Automatic				
Measurement Data	2004 sets				
Display Data	MC%(Moisture),DC%(Solid Content), ATRO Dry, ATRO Wet,Sample Weight,Moisture Weitht,Dryer Sample Weitht,Tempreture,Time, Analysis Curve				
Function	Custom Measurement Method, U Disk System Upgrade				
Display& Operating	5-Inch Capacitive Touch Screen				
Sample Tray	50 aluminum sample trays with 90mm diameter, optional stainless steel sample tray				
Sample Height	24.5mm				
Sample Pan	Aluminum Sample Pan(50pcs), Stainless Steel Sample Pan(4pcs)				
Thermal Protection	Aluminum High Temperature Radiator				
Baud rate	2400,4800,9600,19200				
Data Communication	RS232/RS485(can be connected to a computer, printer, PLC, etc.)				
Print Function	Optional Printer (thermal, needle, adhesive, etc.)				
Use Environment	1-38℃ (18-25℃ ideal temperature)				
Power	Voltage 220v±10%, frequency 50HZ±1HZ (110V power supply and power cord can be customized for export)				
Host Size (W*D*H)	315mm*210mm*205mm				
Voltage	220V or 110V 50HZ		Max 500W		
Weight	5.8KG			8.8KG	

➤ Details



Aluminum sample
tray



Sample window



High-power silent
cooling fan



5 inch LCD touch
screen



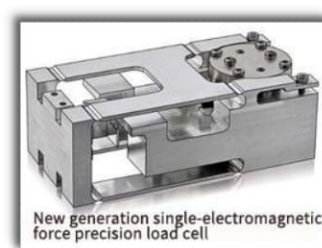
Special temperature
control module



Data communication
function



Pure stainless
steel inner bin



Import sensor



Can be equipped with
a dedicated printer

QC-E Series “Drying Type”

Halogen Moisture Analyzer

➤ Instrument Calibration Steps:

First assemble the halogen moisture analyzer and connect the power. Turn on the power switch.

The internal calibration model is fully automatic calibration, just click calibration.

- 1、 For external calibration models, click "Range Calibration" and prompt to place weights;

➤ Packing List

Serial No.	Product Name	Qty
1	Moisture Analyzer Host	1
2	Aluminum Sample Pan	50
3	Fiberglass Paper	10
4	20,50,100g weight	1
5	Cleaning Brush	1
6	Special forceps for weights	1
7	Fiber gloves	2
8	U disk (product electronic manual /video)	1
9	Temperature Calibrator (only Model VM-E10/VM-E01)	1
10	Pen(touch Function)	1
11	Power cord	1
12	User Manual	1
13	Factory Verification Certificate	1
14	Certificate / Warranty Card	1