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MOC63u Shimadzu Feuchtebestimmer
Waage zur Feuchtigkeitsbestimmung



NEU

Feuchtebestimmer Shimadzu MOC 63u CH Moisture-Analyzer Waage mit Automatikprogramm, 10 Speicherplätzen und Grafik-Display. Sehr einfach zu bedienender Feuchtebestimmer vom Shimadzu. Ideal zur Bestimmung der Feuchtigkeit in Lebensmitteln, Kunststoffen, Medikamenten, Cannabis etc.

- **Shimadzu MOC 63u**
- **Waage zur Feuchtigkeitsbestimmung**
- Automatikprogramm
- CH Trocknungsprogramm
- Bisherige Trocknungszeit
- Aktuelle Temperatur
- Einheit der Ergebnisanzeige
- Mom. Feuchteanteil in %
- Trocknungsmodus
- Statusanzeige Trocknung
- Halogen-Quarzglasstrahler 400 W
- Waageninterner Speicher für den automatischen Ablauf von 10 Trocknungsprogrammen
- Datum + Uhrzeit Anzeige
- Einfache Bedienung

FILM ANSEHEN

Zum Vergrössern, Bild anklicken.



Modell	**MOC 63u CH Feuchtebestimmer**
Ablesbarkeit [d]	**0,001 g/ 0,01 %**
Wägebereich [Max]	**60 g**
Reproduzierbarkeit bei Einwaage 2 g	0,15 %
Reproduzierbarkeit bei Einwaage 10 g	0,02 %
Gewichtsverlust [g] (GV)	Absolutwert in [g]
Temperaturbereich	50 - 200 °C in Schritten zu 1 °C
Abschaltkriterien	- Wenn eingestellte Zeit abgelaufen (1 min - 4 h) - Wenn Gewichtsverlust pro Zeiteinheit den Sollwert unterschreitet (30 sec)
Messwertabfrage	Intervall einstellbar von 1 sec - 10 min
Gesamtabmessungen B x T x H	202 x 336 x 157 mm
Preis	**1690.-**

MOC63u Shimadzu
Feuchtebestimmer
Waage zur Feuchtigkeitsbestimmung
~~Fr. 1890.00~~
sofort lieferbar

Fr. 1690.00

Zubehör		Preis
	Probenschalen (Aluminium) sofort lieferbar	Fr. 81.00
	Glasfaser-Rundfilter z. B. für spritzende und verkrustende Proben sofort lieferbar	Fr. 95.00
	Temperatur-Kalibrierset für MOC 63u CH sofort lieferbar	Fr. 499.00
	Matrixdrucker EP-100 CH sofort lieferbar	Fr. 790.00
	Antivibrationstisch Wägetisch mit Granitplatte grosse Arbeitsfläche 2 Teilig sofort lieferbar	Fr. 1435.00

C054-E067

SHIMADZU

Uni Bloc
SINCE 1987

UniBloc Moisture Analyzer
MOC63u



ISO 9001
JQA-0376

MOC63u

High-performance Moisture Analyzer applicable for a wide application range.

Main features of MOC63u

Easy operation
–Automatic starting mode–



Easy-to-operate software and key layout.
Automatic starting mode saves measurement time.

Backlight display



Illuminated display provides comfortable display visibility in all settings.

Compact design

MOC63u is one of the most compact instruments in its class. Width is only 202 (mm).



Large pan size



Large sample pan: ϕ95mm diameter

Long lifetime halogen heater



Halogen heater promises you quick and accurate measurement.

Data management –WindowsDirect–

The measurement conditions and data can be stored in MOC63u.
Data IO for printer, RS-232C and USB connection for PC are available as standard. Send balance data to Excel or other Windows applications.





Maintenance

It's very easy to clean up and replace the halogen lamp.



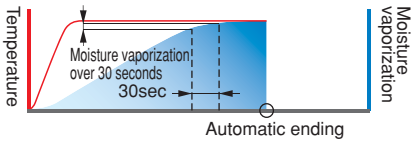
Measurement modes of MOC63u

Choose the right measuring mode for your application.

Ending modes

• Automatic ending mode

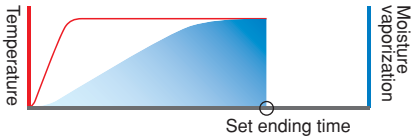
Automatically ends measurement when moisture loss over the previous 30 seconds becomes smaller than specified percentage.





• Timed ending mode

Automatically ends measurement when the specified amount of time has elapsed.

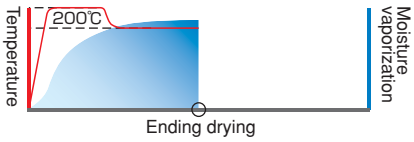




Alternate drying modes

• Rapid drying mode

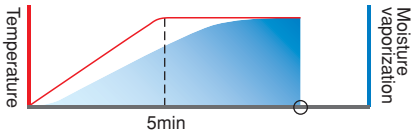
First dries with the highest temperature for the specified period, then shifts to the specified temperature shortening measurement time.





• Slow drying mode

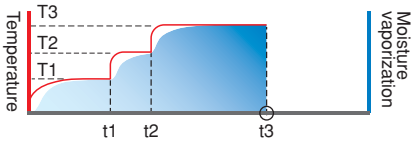
Gently heats samples that might solidify at the surface or samples that reduce under high temperature.





• Step drying mode

Allows step-by-step changes in drying conditions. This feature is useful when measuring samples that contain a large amount of water.





Starting mode

• Automatic starting mode

Starts measurement immediately after closing the lid.
It will save time in repeated measurement.





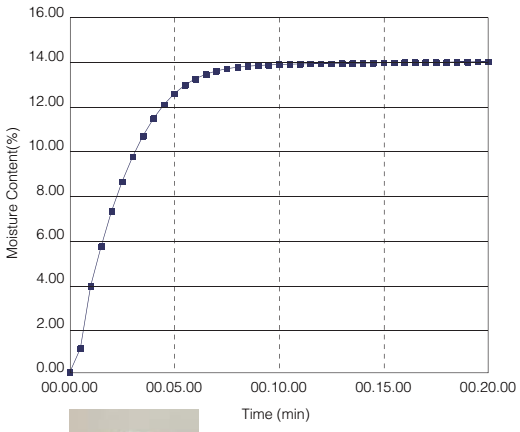
Measurement data

With WindowsDirect



For food industry

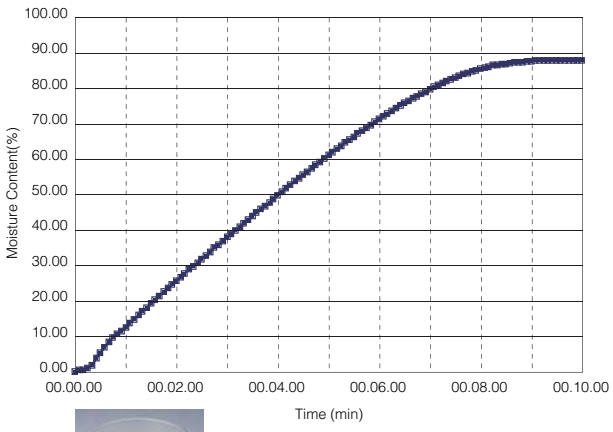
Measurement data of soft flour





Soft flour

Measurement data of milk



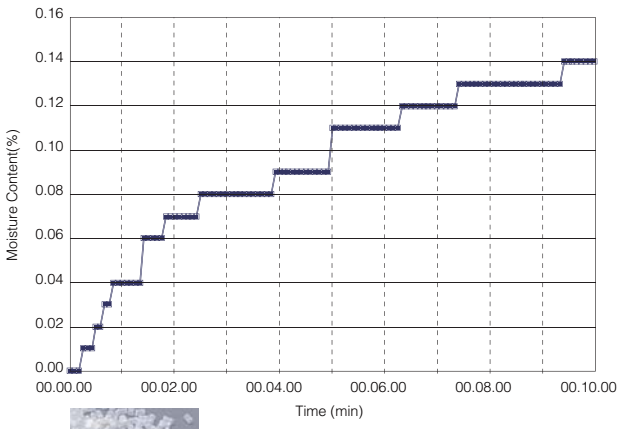


Milk



For chemical industry

Measurement data of resin pellet



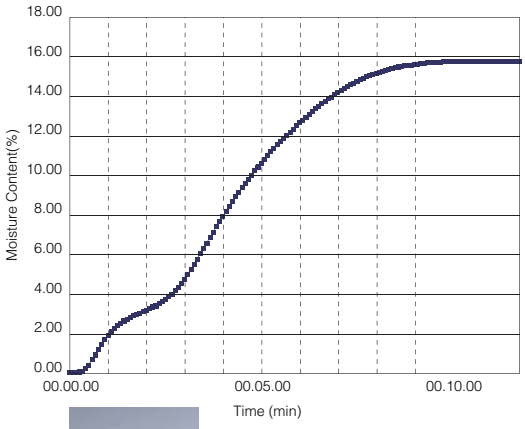


Resin pellet



Standard sample

Measurement data of the sodium tartrate dihydrate





Sodium

Excellent performance for a wide variety of applications in multiple industries.



For food industry

- Inspection of harvest
- Quality assurance of processed food



For environmental industry

- Measurement of polluted sludge
- Measurement of the by-product of biofuel production



For chemical industry

- Quality control of paint
- Inspection material in the manufacturing process



For Pharma industry

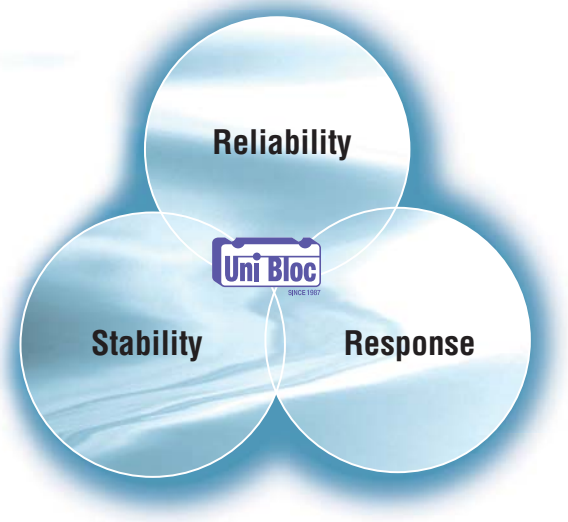
- Quality assurance of drugs
- Inspection of cosmetics

Durable, high-performance aluminum alloy mass sensor
UniBloc Since 1989

The MOC63u incorporates a one-piece aluminum alloy mass sensor technology (UniBloc), first introduced by Shimadzu for precision balances in 1989. It excels in performance, and resists deterioration and damage by ordinary impacts. The UniBloc's compact, uniform structure replaces 70 parts found in a conventional electromagnetic balance sensor assembly and ensures stable temperature characteristics, excellent response time and stable corner-load performance.
The UniBloc design permits a consistency of production that assures reliability and a long operational life.



3 Benefits of UniBloc.



MOC63u Specifications

Capacity	**Max**	60 g
	Min	0.02g
Minimum readability		0.001g
		0.01/0.1% (Selectable)
Repeatability		0.15% (2g) 0.05% (5g) 0.02% (10g)
Drying Heater		Straight type halogen heater
Power		400W
Temperature range setting		50-200°C (1°C increments) (There is a time restriction when exceeding 180°C.)
Display		LCD with backlight
Pan size		φ95mm
Dimensions (W×D×H) mm		202 × 336 × 157
Weight		4kg
Operational temperature and humidity range		5 to 40°C, 85%RH or lower

Measurement modes	Standard (Easy start/Automatic end/Timed end)
	Rapid drying (Easy start/Automatic end/Timed end)
	Slow drying (Easy start/Automatic end/Timed end)
	Step drying (Easy start/Automatic end/Timed end)
Timer setting	1-120 minutes or continuous (max 12 hours)
Interface	RS-232C (9-pin connector) I/O port
	USB port
Measurement conditions data memory	10
Data memory	100
Temperature calibration kit	Option

Accessories list

Standard accessories	
1	Sample pan
2	Aluminum sheet
3	tongs
4	In use protection cover
5	Fuse

Optional accessories	
1	Printer EP-80
2	Printer EP-90
3	In-use protection cover for display (5 pieces)
4	Aluminum sheet
5	Fiberglass sheet
6	Temperature calibration kit
7	Sample pan (SUS)
8	RS-232C cable
9	USB connection cable
10	Halogen heater for replacement



⚠ Safety Precautions

Read instruction manual before using this instrument.

- Use this instrument for measurements in which water vaporizes from the sample under heating.
- The temperature of the heater installed in this instrument becomes higher than the set heating temperature for the sample.
- Any sample that is explosive, inflammable or may cause hazardous reaction under heating must not be measured with this instrument.

SHIMADZU

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