C054-E068

SHIMADZU

Uni Bloc SINCE 1967

# UniBloc Moisture Analyzer
# MOC63u

**Easy-start mode:**
fast response time

**Larger pan size:**
Ø95mm

**Halogen heater:**
quick and accurate measurement

**Built-in USB port**

**Compact design:**
W202×D336×H157mm

**Easy operation using a simple keypad**

**WindowsDirect -**
**easily integrate weighing results with laboratory software without a special application**

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

### Food
- Quality Assurance
- Harvest Inspection

### Environmental
- Polluted Sludge Measurement
- Biofuel Measurement

### Chemical
- Paint Quality Control
- Material Inspection

### Pharmaceutical
- Drug Quality Assurance
- Cosmetics Inspection

CERTIFIED JQA MANAGEMENT SYSTEM ISO 9001

JQA-0376

## MOC63u Specification

| | | |
|---|---|---|
| **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)<br>(There is a time restriction when exceeding 180°C.) |
| **Display** | | LCD with backlight |
| **Pan size** | | Φ95mm |
| **Dimension (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<br>(Easy start/Automatic end/Timed end) |
| | Rapid drying<br>(Easy start/Automatic end/Timed end) |
| | Slow drying<br>(Easy start/Automatic end/Timed end) |
| | Step drying<br>(Easy start/Automatic end/Timed end) |
| **Timer setting** | 1-120 minutes or continuous<br>(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 |

## 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 and understand before use of 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.