

## SKZ111L Halogen Moisture Analyzer



Quick (1-6 minutes) Determination of moisture of the measured object, using the principle of heating and drying, moisture values measured object is automatically displayed, the data is stable and accurate.

Measurement: powder form, granular, paste, liquid, organic and inorganic chemical raw materials, a variety of cereals, grain, seed, feed, starch, food, meat, tobacco, tea, paper, grass, soil, sludge, textiles, fuel, resin, silica, plastic particles, coal, fertilizer, medicine, ceramics, wood, ore.

### Features:

1. High accuracy: halogen moisture analyzer with fast and sensitive load cell.
2. Standard RS-232 interface: connect a PC or a printer.
3. Easy to operate: ergonomically designed handle plate, to avoid burns hot when placed in a sample taken, wing-shaped handle easily turned off heated lid.
4. Three kinds of drying process
  - 1). Standard Drying: The default setting, Suitable for most samples. The heating temperature can be set, the sample is heated to the set temperature, and remains on until test is automatically terminated.
  - 2). Slow Drying: For sample with lower moisture content, easy to form the shell surface, flammable. It takes long time from initial heating temperature to a set value, User can select the heating time.
  - 3). Fast drying: Suitable for higher moisture content samples. Can be set the heating temperature, Initial heating temperature exceeds a set value, Would later reduced to a set temperature and maintained until the test is automatically terminated.
5. Three shutdown mode: Automatic shutdown, manual shutdown, timed shutdown
6. Can be equipped with printer (with extra charge)
7. Provided 100g poise for calibration

### Technical parameters:

| Model                             | SKZ111L-10      | SKZ111L-5    | SKZ111L-2 | SKZ111L-1 |
|-----------------------------------|-----------------|--------------|-----------|-----------|
| Specification                     | 110g/10mg       | 110g/5mg     | 110g/2mg  | 110g/1mg  |
| Readability                       | 10mg            | 5mg          | 2mg       | 1mg       |
| Moisture range                    | 0.0%-100%       | 0.00%---100% |           |           |
| Moisture Readability accuracy     | 0.2%            | 0.1%         | 0.04%     | 0.01%     |
| Dry residual range                | 100.00%---0.00% |              |           |           |
| Dry residual Readability accuracy | 0.2%            | 0.1%         | 0.04%     | 0.01%     |
| Pan size                          | Φ 90mm          |              |           |           |
| Heating mode                      | Halogen lamp    |              |           |           |
| Display                           | LCD             |              |           |           |
| Temperature sensor                | PT-100          |              |           |           |

|                      |   |
|----------------------|---|
| Temperature Setting  | 40°C~199°C  |
| Temperature interval | 1°C   |
| Working temperature  | 5°C---35°C  |
| Time Setting         | 1~99 minutes                                      |
| Automatic shutdown   | 0.1%---9.9%within 1 min                           |
| ATRO                 | 100%~999%   |
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| History store        | 15 groups   |
| Power supply         | 220V  |
| Heater               | 220V±15%50Hz, 115V±15%, 400W                      |
| Balance              | External power, Output: 9V, input: 220V±15%, 50Hz |
| Calibration mode     | External calibration with provided poise 100g     |
| Connect output       | RS232   |
| Dimensions(W*L*H)    | 200*180*380mm                                     |
| Weight               | 6kg   |

### Packing list

| Standard              | Quantity | Remark |
|-----------------------|----------|--------|
| Moisture Meter        | 1 set    |        |
| Wind Cover            | 1 piece  |        |
| The sample pan holder | 1 piece  |        |
| Tray handle           | 1 piece  |        |
| Power cord            | 1 piece  |        |
| Aluminum sample pan   | 1 set    | 50pcs  |
| 100g standard weight  | 1 piece  |        |
| Product Manual        | 1 piece  |        |
| Product certification | 1 piece  |        |
| Warranty card         | 1 piece  |        |