

**Electronic Balance, 5,000g, 2 Digit****Electronic Balance – Laboratory Model MSCF61113SWISS****Introduction:**

The MSCF61113SWISS laboratory electronic balance is a high-precision weighing device extensively used in fields such as chemistry, biology, and material science. This balance converts mass into an electrical signal through mechanisms like electromagnetic force balance, piezoelectric effect, or capacitance measurement, delivering highly accurate results.

**Features:**

1. **AC/DC Power Supply:** Dual power options for flexibility, allowing both AC and DC operation.
2. **Balance Protection:** A specialized sensor locking mechanism ensures secure transportation of the balance.
3. **User-Friendly Interface:** An LCD display with fast weighing response and high stability for reliable performance.

Functions:

1. **Comprehensive System Operations:** Includes auto-counting, percentage measurement, and multi-point calibration.
2. **Versatile Operation:** Supports unit conversion (e.g., metric carat, gold ounce), stability functions, memory storage, and full-scale taring.
3. **Connectivity:** Built-in RS232C output interface allows seamless connection to computers and printers.

Power Supply:

- **Voltage:** AC110/220V±10%, 50/60Hz
- **Battery Options:** For capacities below 10kg, can operate on a power cord or a 9V battery (battery not included). For capacities of 10kg and above, requires a power cord and accumulator.

Technical Parameters:

- **Model:** MSCF61113SWISS
- **Capacity:** 0 - 5000g
- **Readability:** 0.01g
- **Repeatability:** 0.03g
- **Linearity Error:** 0.03g
- **Scale Size:** 160 x 160 mm
- **Gross Weight:** 2.5 kg
- **Package Dimensions:** 366 x 266 x 171 mm

The MSCF61113SWISS laboratory balance combines precision, reliability, and

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user convenience, making it a valuable tool for a wide range of scientific applications.