CGOLDENWALL SLY-A

CGOLDENWALL Automatic Samples Counter Machine SLY-A User Manual

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the operation and maintenance of the CGOLDENWALL Automatic Samples Counter Machine, model SLY-A. This precision instrument is designed for accurately counting small and medium-sized samples, such as seeds, grains, and other particles. It features microcomputer automatic control, adjustable counting speed, and a clear digital display.

The SLY-A model is specifically suited for samples with dimensions ranging from 0.7-4mm in width and 0.7-12mm in length. Examples include millet, rapeseed, wheat, and rice. Please ensure your samples fall within this size range for optimal performance.

Note: This machine is not suitable for counting excessively large or small particles. If you are unsure about compatibility with your specific samples, please consult the manufacturer.

2. SAFETY INFORMATION

- Read this manual thoroughly before operating the machine.

- Ensure the power supply matches the specifications listed on the device.

- Operate the machine on a stable, level surface to prevent tipping.

- Keep the machine dry and away from liquids.

- Do not attempt to disassemble or repair the machine yourself. Refer to qualified service personnel.

- Keep hands and foreign objects away from moving parts during operation.

3. PRODUCT COMPONENTS

The CGOLDENWALL SLY-A Automatic Samples Counter Machine consists of the following main components:

- **Counting Plate:** The circular tray where samples are placed for counting.

- **Control Panel:** Features a digital display and various control buttons.

- **Digital Display:** Shows the set count number and the actual counted number.

- **Speed Knob:** Adjusts the counting speed.

- **Discharge Port:** Where counted samples exit the machine.

- **Separate Canister:** Collects the counted samples.

- **Power Switch:** Located at the rear of the machine.

Figure 3.1: Front view of the CGOLDENWALL SLY-A Automatic Samples Counter Machine, showing the counting plate, control panel, and sample canister.
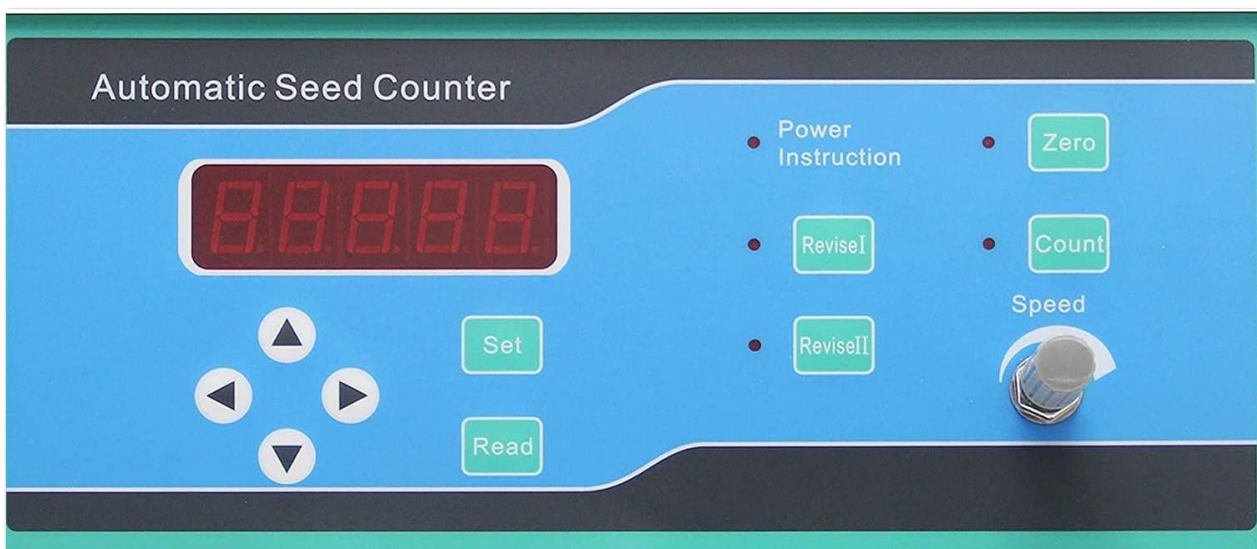

Figure 3.2: Close-up of the control panel, highlighting the digital display, 'Set', 'Read', 'Zero', 'Count', 'Revisel', 'Revisell' buttons, and the speed knob.

Figure 3.3: Rear view of the machine, showing the main power switch and power input port.

4. SETUP

1. **Unpacking:** Carefully remove the machine from its packaging. Retain all packaging materials for future storage or transport.

2. **Placement:** Place the samples counter on a firm, level, and stable surface, ensuring adequate space around the unit for operation and ventilation.

3. **Power Connection:** Connect the power cord to the machine's power input port and then to a suitable electrical outlet. Ensure the power switch on the rear of the machine is in the 'OFF' position before connecting.

4. **Canister Placement:** Position the separate sample collection canister securely under the discharge port.

5. OPERATING INSTRUCTIONS

Follow these steps to operate your Automatic Samples Counter Machine:

1. **Power On:** Flip the power switch on the rear of the machine to the 'ON' position. The digital display will illuminate.

2. **Set Target Count (Optional):**
   - Press the 'Set' button. The display will show '00000'.
   - Use the arrow keys (up/down/left/right) to adjust the desired count number.
   - Press 'Set' again to confirm the target count. The machine will automatically stop once this number is reached.

3. **Place Samples:** Carefully pour the samples onto the counting plate. Ensure samples are spread evenly and do not overflow.

4. **Adjust Counting Speed:** Turn the 'Speed' knob clockwise to increase the counting speed or counter-clockwise to decrease it. Start with a lower speed and adjust as needed for accuracy.

5. **Start Counting:** Press the 'Count' button to begin the counting process. The machine will vibrate, and samples will move from the counting plate to the discharge port, with the count displayed on the screen.

6. **Read Current Count:** At any time, you can press the 'Read' button to view the current count on the display.

7. **Zero/Reset Count:** To clear the current count and reset the display to zero, press the 'Zero' button. This is typically done before starting a new batch of samples.

8. **Revisel/Revisell:** These buttons are for advanced calibration or specific counting modes. Refer to specific application guidelines if these functions are required.

9. **Power Off:** Once counting is complete, turn the power switch to the 'OFF' position.

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Video 5.1: Demonstration of the CGOLDENWALL Automatic Samples Counter Machine in operation, showing sample loading, setting the count, and the counting process.

6. MAINTENANCE

- **Cleaning:** Regularly clean the counting plate and discharge port to prevent residue buildup that could affect counting accuracy. Use a soft, dry cloth. Do not use abrasive cleaners or solvents.

- **Storage:** When not in use, store the machine in a clean, dry environment, away from direct sunlight and extreme temperatures.

- **Inspection:** Periodically inspect the power cord for any signs of damage. If damaged, discontinue use and contact customer support.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not power on.	Power cord not connected; power switch off; no power from outlet.	Check power cord connection; ensure power switch is ON; test outlet with another device.
Inaccurate counting.	Samples outside specified size range; counting plate or discharge port obstructed; speed too high/low.	Verify sample size compatibility; clean counting path; adjust counting speed using the knob.
Samples not moving or getting stuck.	Counting plate dirty; samples are damp or sticky; speed too low.	Clean the counting plate; ensure samples are dry; increase counting speed.
Machine stops unexpectedly.	Target count reached; power interruption.	Check if target count was set and reached; verify stable power supply.

8. SPECIFICATIONS

Feature	Specification
Model	SLY-A
Material	Metal

Feature	Specification
Folded Size (L*W*H)	196mm * 254mm * 150mm
Item Weight	14.67 pounds (approx. 6.65 kg)
Package Dimensions	15.4 x 11.2 x 9.2 inches
Counting Range (Small & Medium Samples)	0.7-4mm (width) x 0.7-12mm (length)
Control Method	Microcomputer Automatic Control
Included Components	Main unit, power cord, sample collection canister

Figure 8.1: Visual representation of suitable sample types and their approximate sizes for the SLY-A model.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact CGOLDENWALL customer service. Keep your purchase receipt and product model number (SLY-A) readily available when contacting support.

Optional protection plans may be available for extended coverage. Please refer to your purchase documentation for details on any additional protection plans.

Related Documents - SLY-A

[CGOLDENWALL Projector Lift User Manual - Installation, Operation, and Specifications](#)
Comprehensive user manual for the CGOLDENWALL motorized projector lift. Covers product description, detailed specifications for FT100, FT150, FT200 models, installation guide, operation instructions, remote control usage, limit adjustment, and troubleshooting common issues.

[CGOLDENWALL DF-15 Hammer Mill Grinder: Commercial Electric Spice and Grain Pulverizer](#)
Detailed overview of the CGOLDENWALL DF-15 Hammer Mill Grinder, a powerful 1200W electric pulverizer for spices, herbs, grains, and traditional Chinese medicine. Features include continuous grinding, fast heat dissipation, and a durable stainless steel build. Includes specifications, comparison with other models, and customer review summaries.
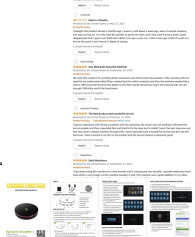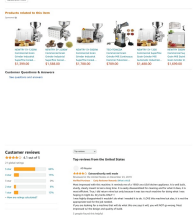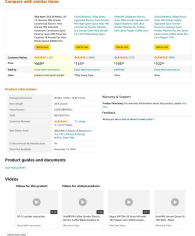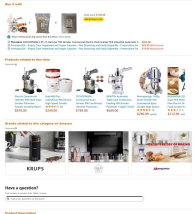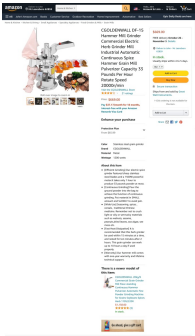
[AtGames Legends Core Max Instruction Manual and Quick Start Guide](#)
Comprehensive instruction manual for the AtGames Legends Core Max, providing setup, usage, and game information, including a quick start guide for an enhanced arcade experience.
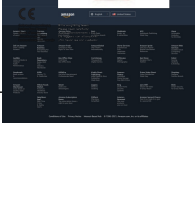
[SNAILAX SLY-527 Foot Massager User Manual and Safety Instructions](#)
Official user manual and safety instructions for the SNAILAX SLY-527 Foot Massager. Learn how to operate, maintain, and troubleshoot your device for optimal use and longevity.
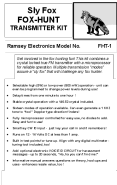
[Ramsey FHT-1 Sly Fox Fox-Hunt Transmitter Kit Assembly Manual](#)

Detailed assembly instructions, circuit description, parts list, and testing guide for the Ramsey FHT-1 Sly Fox Fox-Hunt Transmitter Kit. Learn how to build and operate this FM transmitter for fox hunting.
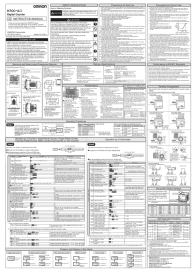
[OMRON H7CC-A Digital Counter Instruction Manual](#)

This document provides detailed instructions for the OMRON H7CC-A series digital counter, covering installation, operation, settings, and safety precautions. It details various models including H7CC-A, H7CC-AD, H7CC-A11, H7CC-A11D, H7CC-A8, H7CC-A8D, H7CC-A11S, H7CC-A11SD, H7CC-AW, H7CC-AWD, H7CC-AU, H7CC-AUD, H7CC-AWS, H7CC-AWSD, H7CC-AS, and H7CC-ASD.