

AEM Series

Features for AEM-01/02 series winding machines

The AEM-01/02 Winding Machines boast a range of advanced features designed for efficient and customizable winding processes. Here's an in-depth look at their capabilities:

Speed Control: The winding speed is easily variable, allowing adjustments through foot pedal along with maximum speed limited by conveniently located speed knob. This flexibility enables changes to be made seamlessly while the winding process is in progress.

Programmable Parameters: A comprehensive set of parameters are programmable, covering crucial aspects such as turns, coil number, program no, deceleration and winding direction. This high level of customization ensures precise and tailored winding operations.

Intuitive Programming: The programming interface is user-friendly, featuring various menus like RUN, ADD, MODIFY, COPY, DELETE, and LIST. Each option serves a specific purpose, making programming straightforward and efficient.

- **RUN:** Initiates the machine to follow a specific program.
- **ADD:** Facilitates the addition of new programs.
- **MODIFY:** Allows for the adjustment of single or multiple parameters within existing programs.
- **COPY:** Enables the duplication of one program into another.
- **DELETE:** Removes unnecessary or outdated programs.
- **LIST:** Displays the parameters of a specified program on the LCD for easy reference.

Wire Pitch Control: The wire pitch is manually guided, providing hands-on control for precise adjustments.

Acceleration and Deceleration: The machines feature automatic soft start for acceleration and programmable deceleration, ensuring a smooth and controlled winding process.

Turns Counting: Accurate turns counting is implemented, with the ability to count both up and down based on the winding direction.

Manual Brake Option: For added control, an optional manual brake activation is available, allowing the spindle to be held as needed.

Memory Capacity: A generous memory capacity supports storage for up to 45 programs, each accommodating up to 16 individual coils.

Section Winding Capability: The machines offer the flexibility to wind up to 16 sections or consecutive coils per program.

LCD Display: The 40X2 LCD continuously displays essential information, including the number of turns wound and various other relevant data.

Tapping Functionality: Up to 16 tappings/sections can be programmed within each individual program, enhancing versatility.

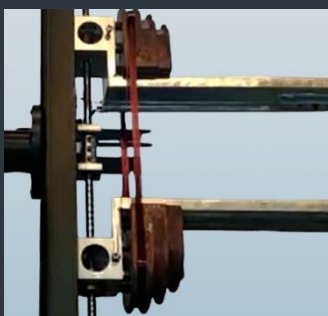
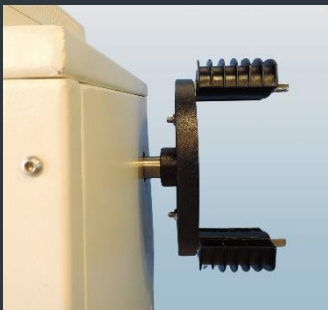
Power Supply: Ensuring reliable operation, the machines are equipped with an SMPS supply, allowing continuous functionality across a wide range of voltage levels.

Single Board Design: A single-board design contributes to the reliability and ease of maintenance of these winding machines.

Audio Indication: Enhancing user interaction, the machines provide audio feedback on every key press, improving the overall user experience.

SERVICES AVAILABLE

[Technical Support](#) | [Installation and Setup](#) | [Maintenance](#) | [Application Support](#) | [Hardware Support](#) | [Guaranteed Warranty](#)



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