

Programmable winding machine : AES SERIES

Application: Suitable for precise pitch control with wide variable pitch values within one layer for coils such as LVDT, Heaters, sensors etc.

Features for AES series winding machines

1. **Speed:** Programmable. Can be changed while winding is in progress.
2. **Parameters:** All winding parameters are programmable with touch screen.
3. **Programming:** Various menu like AUTO START, MANUAL, PARAMETERS EDIT for easy programming.
 - a. **AUTO START :** Will set the machine to wind specific program.
 - b. **MANUAL :** Used for operating the machine manually.
 - c. **PARAMETER EDIT :** Will allow entry to new program, edit single/few parameters in existing program.
 - d. **COPY:** Will copy one program to other program, file transfer to and from pen drive.
4. **Wire pitch:** Programmable in step of 0.0001mm and can be modified while winding is in progress. Formula based variable pitch per turns.
5. **Acceleration:** Programmable in no. of turns. Will reach set speed within specified acceleration turns.
6. **Deceleration:** Programmable in no. of turns.
7. **Turns accuracy:** 0.1 turns.
8. **Stop angle:** Programmable in fraction of turns.
9. **Brake:** Programmable.
10. **Turns:** Up/Down counting with wire guide tracking w.r.t. winding direction.
11. **Production counter:** Built in production counter
12. **RPM:** Can be displayed.
13. **LayerStop:** Programmable layer stop option.
14. **Manual Brake:** Optional Manual activation of brake to allow holding of spindle.
15. **Winding Direction:** Programmable CW/CCW winding direction.
16. **Memory:** 100 programs with individual 20 sections for each program.
17. **Section Winding:** Upto 20 sections can be wound per coil.
18. **Traverse Offset Position:** Programmable in mm.
19. **Traverse Home Position:** Left or Right.
20. **Display:** Continuous display of no. of turns wound alongwith many other data's on Touch screen display
21. **Tapping:** Upto 20 tappings can be programmed in each individual program.
22. **Power Supply:** SMPS supply for continuous operation on wide range of voltage.
23. **Wire guide:** Fine adjustable wire guide for minor adjustment of starting position.
24. **Control system:** Motion controller for reliable operation.
25. **Speed:** Two options(1000/3000 r.p.m.) depending on model.
26. **Audio Indication:** On any key press.
27. **Options:** Custom modifications for special applications.



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