

## Programmable Toroidal winding machine

Application: Suitable for production of ferrite toroid, SMPS toroids, energy meter coils, CT's and typical high frequency toroidal coils having thin wire and large no. of turns or thicker wire with minimum turns. With full electronic control, production is automatically repeatable and machine operation is vastly simplified.

### Features for Toroidal winding machines

1. Speed: Loading and winding speed is programmable in percentage.
2. Parameters: All winding parameters are programmable.
3. Programming: Various menu like RUN, ADD, MODIFY, COPY, DELETE, LIST for easy programming.
  - a. RUN: Will set the machine to wind specific program.
  - b. ADD: Used for adding new program.
  - c. MODIFY: Will modify single/few parameters in existing program.
  - d. COPY: Will copy one program to other program.
  - e. DELETE: Will delete existing program.
  - f. LIST: Will list the existing parameters of the specified program on LCD.
4. Wire pitch: Programmable in step of 0.01mm and can be modified while winding is in progress.
5. Acceleration/ Soft Start: Programmable in terms of length for loading. Programmable in terms of turns for winding. Will reach the set speed within specific value.
6. Deceleration / Soft stop: Programmable in terms of length for loading. Programmable in terms of turns for winding. Will slow down before reaching at the end.
7. Turns: Senses the wire for MT-06B while senses the slider for LT-04 and MT-06S. Up counting.
8. Load: Visual indicator for loading operation. Wire loading in terms of length.
9. Wind: Visual indication for winding operation.
10. Winding Direction for loading and winding: Auto selection of loading and winding direction.
11. Memory: 99 programs with individual 4 tappings for each program.
12. Display: Continuous display of various loading and winding parameters with many other data's on 40X2 LCD.
13. Power Supply: SMPS supply for microprocessor circuit for continuous operation on wide range of voltage.
14. Computer board: Single board for reliable operation.
15. Audio Indication: On any key press and wire brake.
16. Options: Custom modifications for special applications.
17. Loading sensor: Proximity sensor for loading
18. Winding sensor: Optical sensor for winding.
19. Modification: Various types of shuttles are available to achieve wide range of core size.



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