

AVM301A - Automatic Winding Machine for Miniature Capacitors



MAIN FEATURES

- Winding of 2 capacitors/cycle, on heated mandrel, with burn-off on both metallized films, heat sealing (on request with capacitance control).
- System to avoid film slipping with micrometric stagger adjustment and electronic control of film tension, for very thin and narrow films.
- Up to 50 winding programs can be stored under a code.
- Very quick size change-over (max. 2 minutes), depending only on the dimensions of the winding mandrels.
- Machine easily fed and operated, does not need continuous intervention by the operator.

GENERAL INFORMATION

Mandrel diameter (standard) 1; 1.2; 1.6; 2; 2.5; 3 mm
 Mandrel heating: by resistance with temperature control

Speed

Mandrel rotation speed	max. 1256 rad/s (12000 rpm)
Linear speed of metallized film	max. 5 m/s
Burn-off speed	max. 1 m/s
Tension force applied to the films	0.049 to 0.882 N (5 to 90 g)
Pressure applied to the contrast roller	0.588 to 2.646 N (60 to 270 g)