

Options for MICII & JBLII

1. Winding up to a diameter

Description

With this option, the operator set :

- A number of turns of metallized film
- A finished diameter of the capacitor, reached by means of a winding with cover film

Features

- The accuracy of the finished diameter is repetitive in a tolerance of +/- 0.1mm
- This option can be use in all mode (S – D – DCW – TCW..)
- This option can be use with all different processes of thermowelding
- This option integrates a lower and upper limit of cover film's number of turns (up to 500turns)

Your benefits :

- Easier setting at the epoxy dosing
- Less epoxy consumption

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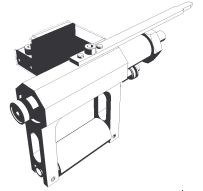
Jumbolinoll

sigma

twincap

HMI Pictures :

For more information please contact us at



2. Winding according to a calculated capacity

Description

With this option, the operator set a certain capacity in μF instead of a number of turns of metallized film

Features

- Integrated control of the diameter made with the metallized film
- Correction's offset based of the measurement of the capacitor made on the machine
- This option can be use in mode S – D
- This option can be used with the option winding up to a diameter

Your benefits :

- Save metallized film
- Tolerance of capacitor within +/- 1% (depend on quality of film)

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HMI Pictures :

The screenshot displays the METAR HMI interface. At the top, there's a status bar with 'Operator' and '29-Nov-2006 09:40:34'. Below it, a diagram shows the winding process with various numerical values like 126.0, 3.0, 1000.0, 0.0, 6.0, 12.0, 0.0, 0.0. A red arrow points from this diagram to a detailed dialog box titled 'Computed Capacitor Winding Parameters'. This dialog box is divided into several sections:

- Top Left:** Shows target capacity C [uF] as 612.0, with a tolerance range of +38.2 to -25.2. Below it, a selected value of 20.00 is shown next to a capacitor symbol. A percentage of -10.0 is also displayed, with a 94.0 value below it.
- Top Right:** A diagram of a capacitor winding with a width of 2.0 and a diameter of 1.0.
- Bottom Left:** A section for 'C=? [uF]' showing a target of 18.60 and a measured value of 18.20, accompanied by a capacitor diagram.
- Bottom Right:** A section for 'Max B1' showing a value of 21.0 next to a circular diagram.

The background HMI also includes a 'Compteur de pièces' (Piece Counter) showing 2 pieces, 'Pièces à produire' (Pieces to produce) showing 0, and various control buttons like 'STOP', 'Start Cycle', and 'Arbre à came'.

For more information please contact us at