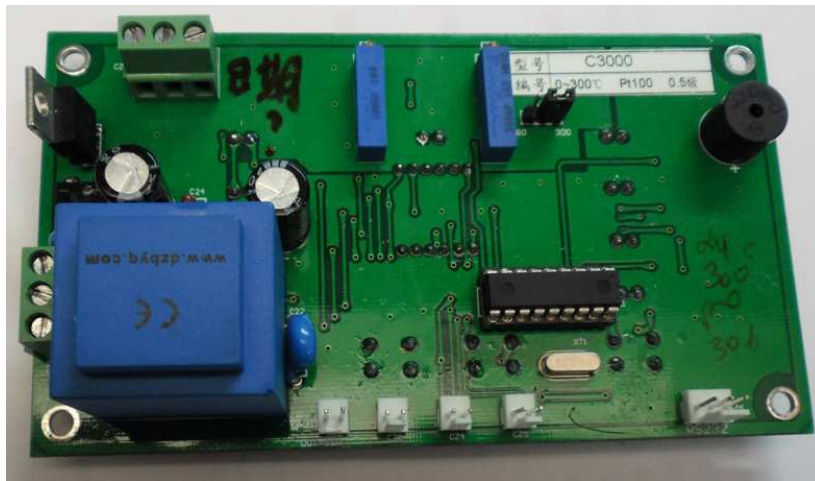


REPLACEMENT PROCEDURE 0009-EN

410705 Temperature controller C3000 V4 200°C/80°C

410706 Temperature controller C3000 V4 300°C



Ovens concerned with 410705: XAS, XB, XF, XL, XXL ranges

Ovens concerned with 410706: XU range

Creation: 2012-09-12 by AT

Revision: 2012-11-29 by AT

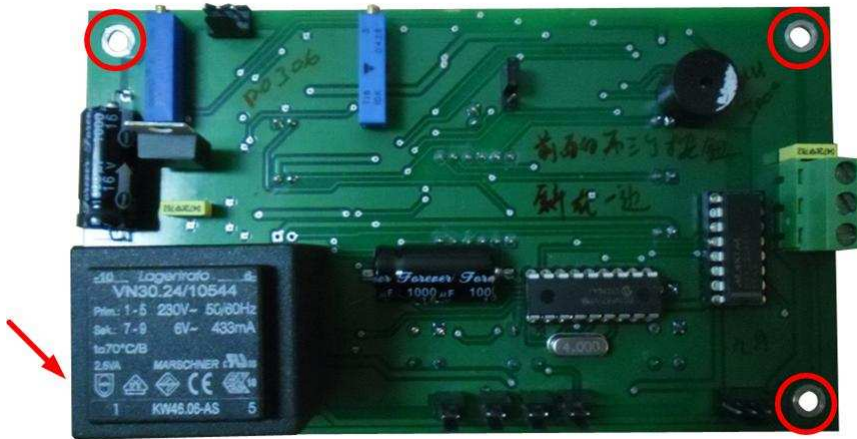
**Before any replacement operation, disconnect the oven from the electric network.
Any replacement operation must be made at ambient temperature by a trained, authorized and competent staff.**

The staff in charge of the replacement must wear fitted Personal Protective Equipment.

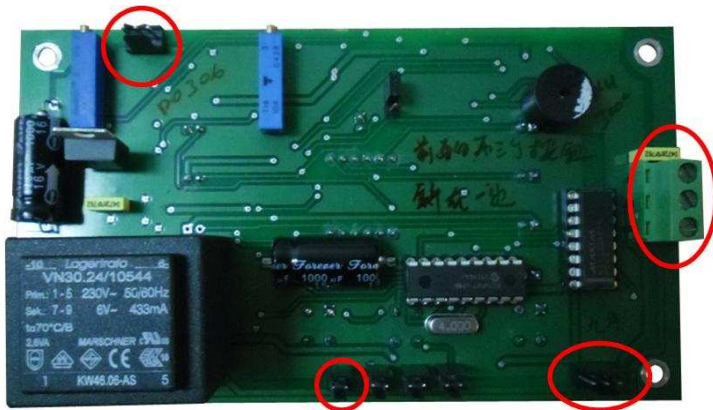
Use only components recommended by the FRANCE ETUVES company.

1. C3000 v3 board disassembly

1.1. Remove the C3000 old board from its support (fastenings in the corners of the board).

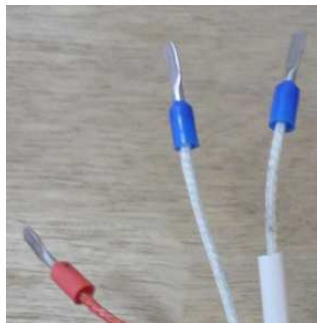
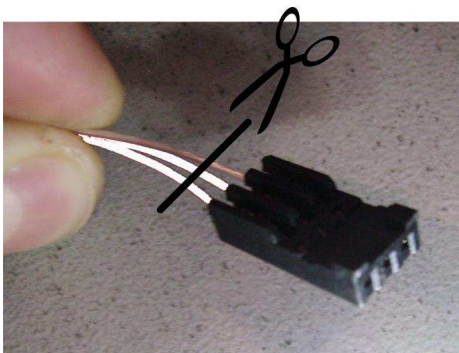


1.2. Disconnect the connector for PT100 probe, the wires of the supply terminal board, the connector for RS232 communication and the connector for solid state relay.

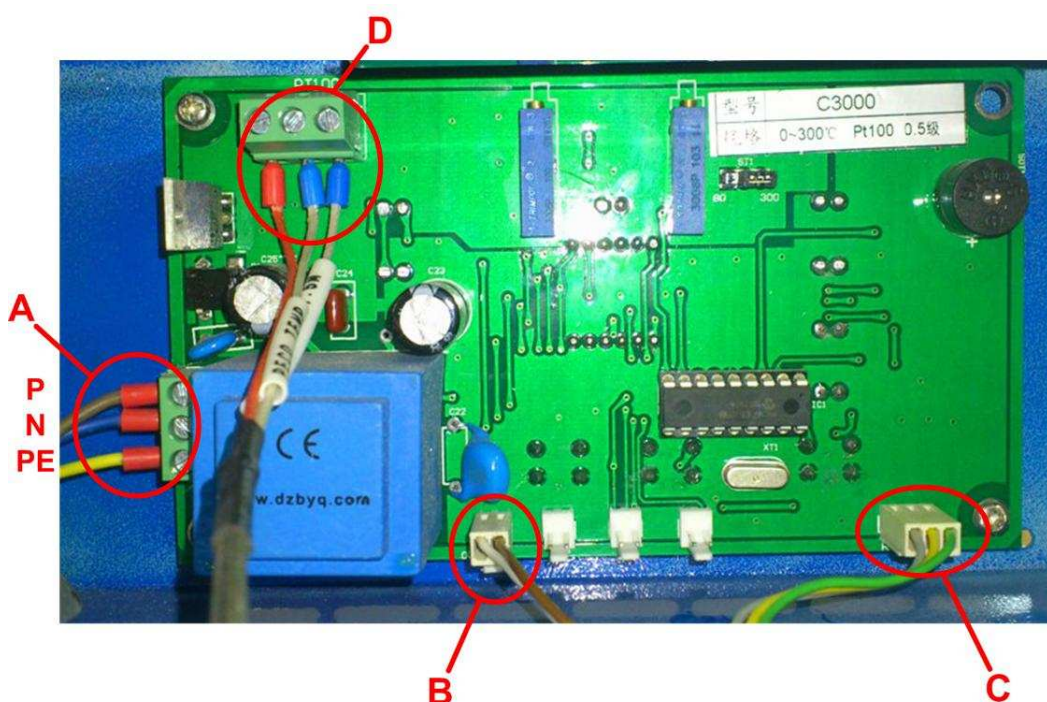


2. C3000 v4 new board assembly

2.1. Cut the PT100 probe very close to the connector and put terminal ends on each wire.



2.2. Connect the C3000 v4 new board.

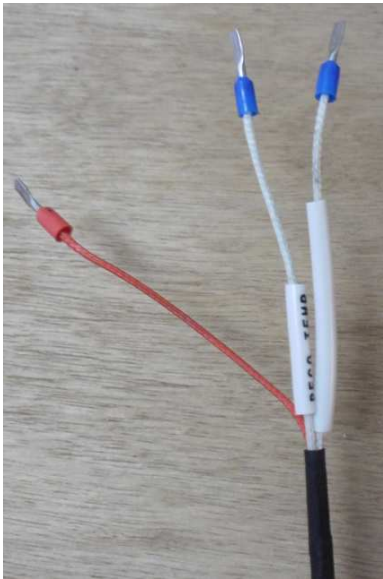


A :	Supply terminal board. Respect the wiring order: the phase at the top, the neutral in the middle and the ground down.
B :	Connector for solid state relay.
C :	Connector for RS232 communication.

D : Wires on terminal board for PT100 probe.

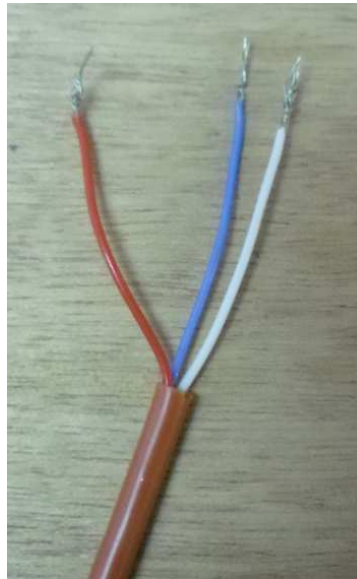
There are 3 PT100 probe types:

Type 1



1 red wire + 2 white

Type 2



1 red wire + 1 blue + 1 white

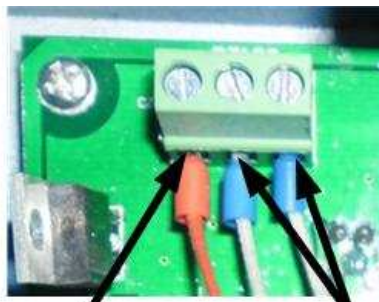
Type 3



3 white wires (2 are put together)

Connect the red wire (or the solitary white wire of the 3rd type) on the left terminal.

The 2 other wires must be connected to the middle and right terminals; the position has no impact.



Red wire

2 other wires

2.3. Screw the C3000 v4 new board at its final position (fastenings in the corners of the board).

2.4. Connect the oven and switch the main switch on: the controller must switch on.