

A B S T R A C T

A CONTROL MODULE FOR AN ION IMPLANTER

5 The present invention relates to a control module
for an ion implanter having a power supply, the power
supply comprising:

· an electricity generator HT having its positive
pole connected to ground;

10 · a first switch SW1 having its first pole connected
to the negative pole of the generator HT and having its
second pole connected to the outlet terminal S of the
power supply; and

· a second switch SW2 having its first pole
15 connected to the outlet terminal S and having its second
pole connected to a neutralization terminal N.

The control module also comprises a current
measurement circuit AMP for measuring the current that
flows between the second pole of the second switch SW2
20 and the neutralization terminal N. The invention also
provides an ion implanter fitted with this control
module.

Figure 3

25