



Which info do you need for the barcode?

When it comes to the end-of-line test testing traceability of products, and tests performed, is a crucial requirement.

Two are the main reasons why barcode reading is used:

1. the first is to automatically load the correct test sequence related to the appliance under test,
2. the second is to save all the results of the test in a record that contains the serial number of the tested unit, so that in the future the customer can retrieve the results and measures of the tests, of a particular appliance, searching by serial number.

To do that, the first step of an end-of-line test is the barcode reading of the appliance under test; we normally use a normal barcode gun that is connected to the test bench itself.

Usually the information contained in a barcode are: model, serial number, manufacturing date and some others. What we need from our customers are the information about the decoding of their barcode, in other words which fields mean what, so for instance the first two digits are for the year, the following four stand for the model and so on.

Besides this a real size picture of the barcode, or even better a real barcode, is required to let us try in real conditions the correct reading and interpretation of the barcode by the barcode reader of the test bench.

So resuming we need:

- **barcode decoding information** (see example “Anatomy of a Barcode” here below)
- **samples of barcode**

Anatomy of a Barcode

