

**OBJECTIVES :**

- To analyse the functioning of all of the components of petrol injection systems based on the pressure / engine speed principle.
- Read diagrams.
- Measure the signals on the inputs and outputs of the different components.
- Set up fault for study of diagnostic methods.

PRESENTATION :

The DTP2000M console concern the version:

Motronic injection

This console consists of a control panel and a simulation panel with the possibility of setting up faults on the rear and on the front of the console.

CLASSES CONCERNED

BEP M.A.
BACPRO M.V.A.
BAC STI – Motor-driven systems option
BTS M.A.V.A.

**PRACTICAL WORK
AND CORRECTIONS**

7 PW applicable to the console
Motronic

USE :

- **Engine functioning condition:**

This console enables the individual variation of water temperature, air temperature, oxygen, knocking and air conditioning on sensors.

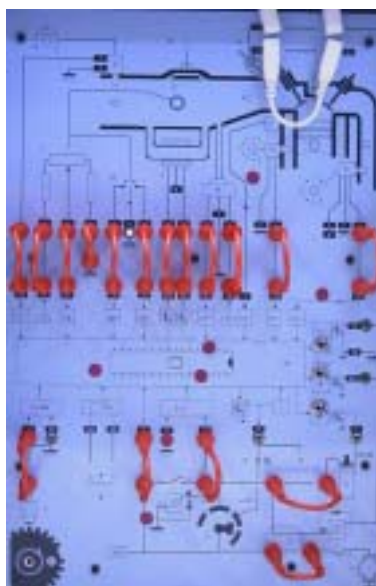
It is possible to observe the signals generated by the sensors and the effects they produce on the injection time, the coil fill time, advance, etc.

- **Failure and fault conditions:**

The jumpers linking the different sensors to the ECU, are used as the measurement points and enables setting up of faults, cut-offs or short-circuits.

They may be positioned on the front panel (visible) or the rear panel (invisible).

**DTP2000M injection console
rear panel**



CHARACTERISTICS :

- The DTP consoles have the flexibility of workstations for working individually or in twos.
- This stand-alone console has the controls for specific functions: starting, engine speed, acceleration, variation, of power supply voltage...
- All measurement points are accessible for the use of multimeters, oscilloscopes, computer acquisition systems...
- All inputs and outputs are protected against mishandling.

References	Functions	Connections	Accessories
DTP2000M	Study of the Motronic injection system	18 V by Power supply supplied	User instructions + Power supply Training course book

-- www.exxotest.com -- www.exxotest.com -- www.exxotest.com --

This equipment is CE certified. It is supplied with an inspection report and a certificate of conformity.

WARRANTY: 2 years Parts and Labour

ANNECY ELECTRONIQUE

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