User's guide for DT-M002

BENCHTOP LEARNING MODULE:

MEASURING POSITIONS

EXOTEST® EDUCATION

DM : 00308615-v1

1. USER FILE

1.1. Installing and starting up module DT-M002

Use the 5–29 volts power supply unit provided.
Plug the power supply unit into the 230 V mains supply (check the position of the power supply switch on the rear of the power supply unit).
Connect the power supply ground and + outputs to module DT-M002 using the two 1-metre cables provided (the cables are connected to the differentiator-multiplier part – see next page).
Switch on the power supply. Then proceed with module wiring.
Comment: a protective device with a buzzer warns you if the supply voltage is over 12 V or 5 V, depending on the setup, or if the positive and negative are inverted.

1.2. Environment

Learning module DT-M002 is designed for benchtop use.
It must be installed in a dry place away from dust, steam and combustion fumes.
The module requires approximately 400–500 lux of light
It may be placed in a practical exercise room. Its operating noise level does not exceed 70 decibels.
The module is protected against potential user error.
Module DT-M002 is a single work station.

1.3. Calibrating and maintaining module DT-M002

Calibration: factory setting.
Maintenance frequency: none.
Cleaning: use a very soft, clean cloth with a cleaning product.

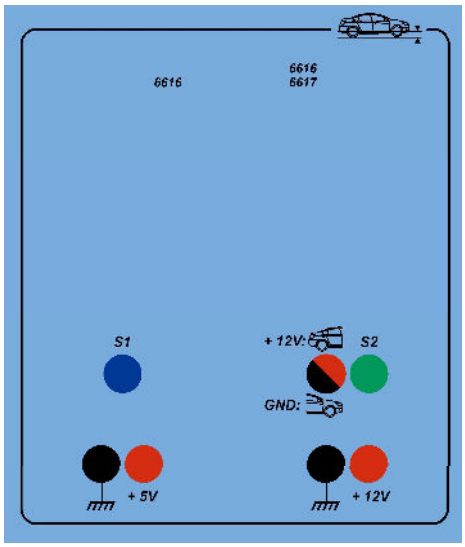
1.4. Putting out of operation

Switch off the fixed power supply by setting the switch to 0.
Unplug the 230 V connection from the mains.
Remove all the cables with banana plugs from the module.
Store module DT-M002 and its accessories in a secure room or cabinet while out of use.

The module should only be opened by certified and authorised persons.

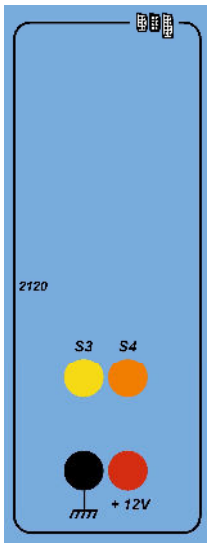
1.5. Description of the module

1.5.1. Ride height sensors



Symbol	Description
S1	Analog signal
S2	Digital signal
Black + red socket	Sensor position
Black and red sockets	Sensor power supply

1.5.2. Two-function switch



Symbol	Description
S3	Track 1 signal
S4	Track 2 signal
Black and red sockets	Sensor power supply

1.5.3. Pedal position sensor

Symbol	Description
S5	Signal
S6	Signal
Black and red sockets	Sensor power supply

CE DECLARATION OF CONFORMITY

Manufacturer	Name:	**ANNECY ELECTRONIQUE SAS**
	Street:	**1, rue Callisto - Parc Altaïs**
	Town:	**74650 CHAVANOD**
	Country:	**FRANCE**

Represented by the signatory below, declares that the following product:

Product reference	Description	Make
DT-M002	**Benchtop learning module for ride height, accelerator pedal and brake pedal position measuring sensors.**	EXXOTEST

complies with all requirements of European directives relating to the design of Electrical & Electronic Equipment (EEE) and the management of Waste Electrical & Electronic Equipment (WEEE) in the EU:

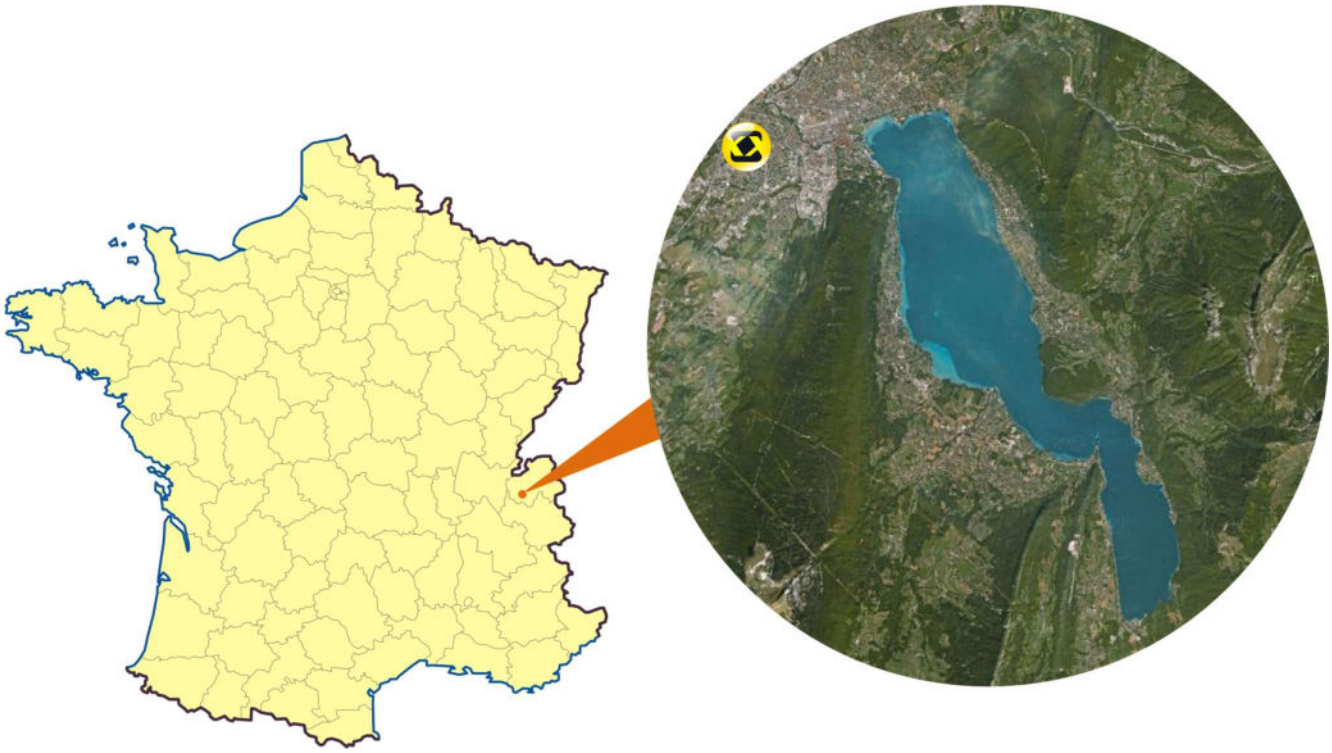
- Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE)
- Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (ROHS)
- Electromagnetic Compatibility Directive 2004/108/EC of the European Parliament and of the Council of 15 December 2004.

The product has been manufactured in accordance with the requirements of European directive:

- Directive 2006/95/EC of the European Parliament and of the Council of 12 December 2006 on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.

Signed in Chavanod on 30/07/2015

Stéphane Sorlin, Chairman



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