



**Electronic ignition unit EZM1TI** was developed on the basis of experience gained during the operation of the previous line EZM MC and it is another considerably modernized generation of the ignition units VLACH ELECTRONIC. The heart of this new line of ignition units is very powerful microprocessor TEXAS INSTRUMENTS that enabled to implement a lot of useful functions into the ignition unit. EZM1TI is determined for one-cylinder petrol engines. It is also possible to scan quite a number of parameters via the diagnostic device **EZM DATA TERMINAL**.



**Electronic ignition unit EZM2TI** is determined for two-cylinder petrol engines - type boxer. The technical parameters and software are identical with the type EZM1TI.



**Electronic ignition unit EZM1TIM** was developed on the basis of experience with the type line EZM TI as its simplified and cheaper variant. This ignition unit contains modified software without the possibility of diagnosing parameters via EZM DATA TERMINAL. The appliance is equipped by the function FAIL SAFE which switches the ignition unit off after 90 seconds of inactivity of the engine. EZM1TIM is determined for users who do not use the advanced software of the type EZM TI and who make do with a simpler and cheaper device. Performance and working parameters are identical with the line EZM TI. This ignition unit is also produced for two-cylinder petrol engines as **EZM2TIM**.



All types of ignition units VLACH ELECTRONIC are supplied with these **spark plug caps**.

The variant determined for **a spark plug with the M10 thread**.



The variant determined for **a spark plug with the M14 thread**.



Special accessories for the ignition units VLACH ELECTRONIC

**EZM DATA TERMINAL** is used to monitor parameters of the ignition units **EZM 1 TI** and **EZM 2 TI** such as accumulator voltage, revolutions, current advanced ignition point, running hours etc. The values are displayed on a LCD. The appliance also serves as a servo-tester.



**ELECTRONIC SWITCH** connects the ignition unit with the accumulator. The switch is equipped with a data output for connecting the EZM DATA TERMINAL, a charging connector and indication of low battery voltage. It is supplied in black or white colour.



Connecting the **EZM DATA TERMINAL** to the electronic switch.



**GLOW MASTER** is determined for electrical pre-heating of metanol-engines plugs. The pre-heating is controlled by a microprocessor that enables to set the beginning of pre-heating in the whole range of accelerator stick deflection. The programmed heating point is kept in the memory. GLOW MASTER is connected to the accelerator servo in parallel via a V-cable. The glow plug is fed from a separate NiCd accumulator (1.2V).