

ELECTRONIC ACTUATOR TESTERS AND PROGRAMMERS



VTM
GROUP

**Useful in any garage
to help identify turbo faults**

- Has new functions that are not available in devices of other manufacturers.
- Can be successfully used in turbocharger repair services, as well as in automotive repair shops offering a wide range of repairs to determine the cause of turbocharger malfunctions.
- Works with all common types of actuators, and similar in principle of operation.



ELECTRONIC ACTUATORS TESTER

ATP-1000 12V

Functions

- Testing electronic turbocharger actuators.
- Test DC motors 12V to 2A.
- Testing the boost solenoid used in pneumatic systems.
- Testing the position sensors of electronic and pneumatic actuators according to the protocol: PWM, ADC, SENT.
- Programming (adaptation) of SIEMENS electronic actuators.

ACTUATOR TESTER & PROGRAMMER

ATP-3000 12V

Functions

- Testing electronic turbocharger actuators.
- Test DC motors 12V to 2A.
- Testing the boost solenoid used in pneumatic systems.
- Testing the position sensors of electronic and pneumatic actuators according to the protocol: PWM, ADC, SENT.
- Programming HELLA REA actuators:
 - Saving the actuator firmware file in the device memory (up to 99 pcs.).
 - Saving the actuator firmware files on a PC.
 - Loading firmware from the PC into the actuator by using device.
 - Option to copy settings between actuators.
 - Programming actuator angles.
- Programming (adaptation) of SIEMENS electronic actuators.



ELECTRONIC ACTUATORS TESTER

ATP-2000 12/24V

Functions

- Diagnostics of truck turbocharger actuators with 24V supply voltage.
- Compatible with 12V actuators via 24/12V converter.
- Testing of actuators from most manufacturers.
- Diagnostics of Holset actuators.
- Reset, Install, Calibrate sequence after installing or replacing actuator on turbocharger.

ACTUATOR TESTER & PROGRAMMER

ATP-5000 12/24V

Functions

- Diagnostics of car turbocharger actuators:
 - Test DC motors 12V to 2A.
 - Testing the boost solenoid used in pneumatic systems.
 - Testing the position sensors of electronic and pneumatic actuators.
 - Programming HELLA REA actuators.
 - Programming (adaptation) of SIEMENS electronic actuators.
- Diagnostics of truck turbocharger actuators with 12/24V supply voltage:
 - Testing of actuators from most manufacturers.
 - Reset, Install, Calibrate sequence after installing or replacing Holset actuators.



Extra functions

- Device current protection of 2A for 3 sec.
- Automatic detection of DC motor polarity inside the actuator.
- Tooltip for color-coding the cable to the selected actuator type.
- Display of the position sensor readings as a percentage.
- Display of additional parameters of programmable HELLA REA actuators:
 - Firmware number.
 - Programmed angle value.

USB control of actuators for operating in connection with software of stands GEOMET-2000, GEOMET-500, TURBO BOOST TEST



Cables for diagnostics

Car cables:

- Set of diagnostic cables for actuators — 12 pcs.
- Set of diagnostic cables for position sensors — 6 pcs.
- Cable set for uncommon turbines — 12 pcs.
- USB cable — 1 pc.

Truck cables:

- Set of diagnostic cables — 14 pcs.
- USB cable — 1 pc.

We make balancing easier



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