

ELECTRONIC ACTUATOR TESTER ATP-1000

CHECK THE OPERATION OF ELECTRONIC DRIVES OF TURBOCHARGERS



ATP-1000 tester can be successfully used in companies engaged in turbocharger repair, as well as in car repair services offering a wide range of repair works to determine the cause of turbocharger malfunction.

Functions

- Testing of electronic actuators for turbochargers
- **Programming (adaptation) of SIEMENS electronic actuators •New**
- Testing of 12V DC motors up to 2A
- Testing of boost solenoids used in pneumatic systems
- Testing of electronic and pneumatic actuator position sensors by protocol:
 - PWM, SENT •New
 - ADC

Extra functions

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

•New - functions that are not available in the devices of other manufacturers!

Types of supported actuators

HELLA	mitsubishi	SONCEBOZ	DENSO
6NW 008 091	49335-002xx	5304 9xx 0065	780709-xxxx
6NW 008 412	49335-004xx	5304 9xx 0069	780708-xxxx
6NW 009 206	49135-056xx	5304 9xx 0073	17201-30100
6NW 009 228	49135-057xx	5304 9xx 0115	17201-30101
6NW 009 420	49135-058xx	5439 9xx 0061	17201-30110
6NW 009 483	49477-01012	5439 9xx 0062	17201-30160
6NW 009 543	49477-01104	5439 9xx 0063	17201-301xx
6NW 009 550	49477-01202	5439 9xx 0064	
6NW 009 660	49477-01203	5439 9xx 0110	
6NW 010 099-01	49477-01204	5439 9xx 0111	
6NW 010 099-02	49490-93501	5439 9xx 0112	
6NW 010 099-03		5439 9xx 0113	
6NW 010 099-05		5900 110 7019 ●New	
6NW 010 099-07			
6NW 010 099-08			
6NW 010 099-21 ●New			
6NW 010 430-00			
6NW 010 430-01			
6NW 010 430-03			
6NW 010 430-04			
6NW 010 430-47 ●New ¹			
6NW 010 430-22 ●New			
6NW 011 132-09 ●New			
6NW 011 132-62 ●New ²			
MAHLE	SIEMENS	HITACHI	OTHER
All types	All types	5304 970 0062 5304 988 0062	Torque Motor ●New 5900 110 7349 ●New 5900 110 7304 ●New BorgWarner 5900 110 7382 ●New 5900 110 7267 ●New Honeywell 835556-0062 ●New 842232-0039 ●New Other K6T55273 ●New K6T60572 ●New And similar in principle of action.

1, 2 with the use of an additional converter cable (not included in the basic package)

Device power supply:

- regular AC/DC 12V, 4A power supply.
- portable power supply (power bank) VTM_POWER ⁽¹⁾ ●New
- cable for connection to the vehicle socket VTM_CONNECT ⁽¹⁾ ●New

Communication protocols:

- PWM
- CAN
- ADC
- SENT ●New
- USB Drive Control via PC ⁽²⁾ ●New

Basic set

ATP-1000 electronic unit	1 pc.
Set of diagnostic cables for actuators	12 pcs.
Set of diagnostic cables for position sensors	6 pcs.
AC/DC 12V, 4A power supply	1 pc.
USB cable	1 pc.
User manual	1 pc.

Additional accessories ⁽¹⁾

- Cable set for uncommon turbines - 9 pcs.
- Portable power supply (power bank) VTM_POWER - 1 pc.
- Cable for connection to the vehicle socket VTM_CONNECT- 1 pc.



(1) Not included in the basic package. If necessary, it can be purchased additionally.

(2) Working together with the GEOMET-2000 software.