

**AFTER MARKET TOOLS**

**ATEQ-DIAG K**



**Universal:** for all remote control units (IR and HF, 433 and / or 315 MHz). Provides information about its own battery level, plus power of emission of the tested remote control.

**Dimensions and weight:** 139 x 50 x 27 mm – 125 g

**Battery autonomy:** approx. 1000 cycles with alkaline battery (supplied with the tool).

**Quick + easy:** allows within a few seconds, to establish a diagnostic, and thus tell whether the origin of the problem comes from the sender, or from the receiver

**ATEQ-DIAG TX4**



**Universal:** acc. to technical specs. For all vehicles equipped with SCHRADER, TRW, SIEMENS, and BERU TPMS valves/sensors (before and after 2003). Upgrading via PIC exchange.

**Intelligent:** Sends specific encoded data frames for the latest generation of TPMS valves/sensors. Emission 125 kHz: LF continuous (no modulation) or LF modulated data frames. Option for an additional frequency at reception: 315 / 433.92 / 434.42 MHz

**Dimensions and weight:** 165 x 65 x 38 mm – 250 g

**Battery Operated:** Approximately 1000 cycles with alkaline battery (supplied with the tool); Low-Bat. The tool vibrates at reception of RF.

**Quick + easy:** Within a few seconds it triggers a new TPMS valve/sensor (125 KHz) and checks its response (315, 433 or 434 MHz).

**INDUSTRIAL TOOLS**

**ATEQ VT**



- Two versions: long and short nose
- LF (TX) 125 kHz continuous or modulated (OOK)
- RF (RX) 315 MHz or 433 MHz (optional 868 MHz)
- Available with Manchester or NRZ encoding (others on request)
- LCD graphic display 65 mm x 32 mm
- One LED per wheel (5)
- Internal LI-ON battery charger with external 24V power supply
- CAN and RS232 network connector
- Autonomy in normal use: 8 hours
- Weight: 1.6 kg
- Size: H x L x D: 285 x 155 x 870 with antenna

**T REX**



**MAIN UNIT**

- Enclosure: 19" 2 U D1 for rack mounting
- LCD 1 (LF): 1 line 4 1/2 / LCD 2 (RF) 2 lines 20 characters

**RF ANTENNA**

- Dimensions: 240 x 170 x 55 mm
- Receiving frequencies: 315.00 MHz (AM FM) / 433.92 MHz / 434.42 MHz (2 only)
- RSSI: Received Signal Strength Intensity for each RF frequency on board with corresponding LED

**ACTIVE LF ANTENNA**

- Dimensions: 140 x 95 x 45 mm
- Emitting frequency: 125 KHz (continuous or modulated)
- Amplitude of emission signal adjustable from 10 to 100%
- Integrated voltage regulation
- Integrated LF emission Indicator (LED)
- Integrated 125 KHz clock running (LED)

**ATEQ VT60**



**POWERFUL AND POLYVALENT**

- The only instrument compatible with any kind of valve
- Possibility to load different valves in 1 instrument (up to 40)



Two versions LF/RF and RF/RF

- LF (TX) 125 kHz continuous or modulated (OOK)
- RF (RX) 315 MHz or 433 MHz (optional 868 MHz). Available with Manchester or NRZ encoding (others upon request)
- RF (TX) option on request with external directional antenna (300 - 500 MHz)
- Large graphic LCD display (128 x 64 dots)
- LED for LOW BAT / TX / PASS / FAIL / CHARGE
- Internal LI-ON battery charger
- USB or external 5 V supply charging capability
- USB interface for configuration and upgrade (via email)
- Weight / dimensions: 250 g H x L x D: 820 x 320 x 151



**C540VT**

The principle of this unit involves the activating and acquisition of data from intelligent valves fitted to the wheels of vehicles. This unit is designed to be installed on a production line.

The ATEQ VT is a management unit (supervisor) which provides the interface with the line intelligence (industrial programmable controller) and manages the synchronization of the detection heads (transmission and reception antennas). It centralises the information from each antenna.

The detection heads communicate by radio frequency with the intelligent valves (transmission at 125 kHz and reception at 433 MHz or 315 MHz) (868 MHz optional).

The central module is used to modify the test programs of the antennas and display information concerning each antenna (operation in process, results of measurements.) It can manage up to 5 antennas.

The antennas are located on each side of the production line and connected to the central module by an ATEQ Network RS485 link.

