

## DET 06.. Diesel Injector Tester

(Aluminium version)

With the Diesel Injector Tester DET 06., Diesel injectors can be tested with regard to the following qualities:

- *opening pressure*
- *spraying of the fuel injected*
- *spray pattern*
- *leakproofness*
- *rattling quality*

### Application:

1. connect pressure lead (1) to the tester
2. fill the container with test liquid (up to ab. 3 cm above the filtre)
3. operate hand pump lever (2) until a constant stream comes out; by doing this, the device is bled.  
The pump lever (2) may be repositioned in the front socket to facilitate pumping (5)
4. connect the injector to be tested with the pressure lead (1) using the matching adapter
5. continue to operate hand pump lever (2) to build up pressure. Observing the injector's spray-start, the opening pressure can be read from the gauge (3) (should the fuel pressure exceed over the nozzle spring pressure, subtly sprayed fuel comes out of the injector).



The drag pointer some types are provided with, remains in the position of the injector's spray pressure. The pressure can be read later, therefore it is not necessary to watch simultaneously the injector's stream and the gauge.

To control the leakproofness, a pressure of ab. 20 bar below the opening pressure has to be built up by operating the hand pump lever. The injector is leakproof, if it does not start to drop within 10 seconds.

To test the rattling quality, the lever has to be activated slowly. According to type of injector, there has to be a clearly audible rattling noise during the injection process.



**Attention:**  
In case of incautiousness, the injection stream may cause injuries of the skin!

| Type Ref.No                          | DET 06<br>041255 | DET 061<br>041255_1 | DET 062<br>041255_2 | DET 063<br>041255_3 | BET 06<br>041255_4 |
|--------------------------------------|------------------|---------------------|---------------------|---------------------|--------------------|
| Gauge DS 100, 0...400 bar (5800 psi) | ●                | ●                   |                     |                     |                    |
| Gauge DS 100, 0...600 bar (8700 psi) |                  |                     | ●                   | ●                   |                    |
| Gauge DS 100, 0...10 bar (145 psi)   |                  |                     |                     |                     | ●                  |
| Drag pointer                         |                  | ●                   |                     | ●                   |                    |

**The kit comprises:**  
 Tester on baseplate, pressure gauge with protective rubber cap  
 Pressure line with M 14 x 1.5 connector  
 1 Adapter DETA Standard for M 12 x 1.5 connection  
 (BET 06 Adapter M 14x1.5 to M 8x1)