Precise, safe, easy.

Car & Truck Service with MOTOMETER.

Car & Truck Service is a matter of confidence. When returning a vehicle to the customer, it is important to provide positive proof that all checks have been made. Whenever the question of engine condition comes up, the service industry all over the world relies on MOTOMETER. For good reason, MOTOMETER has the benefit of know-how gathered over nearly 100 years.

Using the MOTOMETER Recording Compression Testers the check and the documentation of the compression pressure of an engine is comfortable and safe. The hard-copy recording charts provide irrefutable information on engine condition and are easily understood by the average vehicle owner.

To be able to measure the compression pressure of diesel engines, engine-specific adapters are needed, which have to be mounted between the engine and the Recording compression Tester. You will find a database which contains already more than 20,000 vehicle data and the available adapters on our homepage: www.motometer.de.

You may also take a look at our new shop: www.motometer.de/shop
**TEST EQUIPMENT:**

**Recording Compression Tester**

**Recording Compression Tester for petrol engines**

<table>
<thead>
<tr>
<th>Measuring range</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,5 - 17,5 bar with accessories in the case*</td>
<td>623 000 1210</td>
</tr>
<tr>
<td>3,5 - 17,5 bar without accessories in a box</td>
<td>623 001 1110</td>
</tr>
</tbody>
</table>

Includes 1 pack of recording charts petrol

* Includes pos. 2, 4, 14, 17, 18, 20

**Recording Compression Tester for diesel engines**

<table>
<thead>
<tr>
<th>Measuring range</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 - 40 bar with accessories in the case*</td>
<td>623 002 1220</td>
</tr>
<tr>
<td>10 - 40 bar without accessories in a box</td>
<td>623 002 1120</td>
</tr>
<tr>
<td>10 - 60 bar with accessories in the case*</td>
<td>623 002 1230</td>
</tr>
<tr>
<td>10 - 60 bar without accessories in a box</td>
<td>623 002 1130</td>
</tr>
</tbody>
</table>

Includes 1 pack of recording charts diesel

* Includes pos. 14, 17, 18, 20

**Recording Compressions Testers for petrol and diesel engines 40 bar**

in case:
1. Recording Compression Tester, petrol 3,5 - 17,5 bar
2. Recording Compression Tester, diesel 10 - 40 bar

**Part No.** 623 606 1101*

Includes 1 pack of recording charts petrol and diesel

**Recording Compressions Testers for petrol and diesel engines 60 bar**

in case:
1. Recording Compression Tester, petrol 3,5 - 17,5 bar
2. Recording Compression Tester, diesel 10 - 60 bar

**Part No.** 623 606 1102*

Includes 1 pack of recording charts petrol and diesel

* Includes pos. 2, 4, 14, 17, 18, 20

* Figure shows recording compression tester for petrol engines including accessories

* Figure shows recording compression set for petrol and diesel engines
MOTOMETER Universal Adapter Set
Glow Plug

With this universal adapter set you are able to carry out compression pressure measurements on different engines via a glow plug bore.

Simply and quickly screw the suitable screw-in adapter and sealing cone on to the adapter tube - now you have the suitable adapter.

Time-saving, cost-efficient and compatible for almost all glow plugs.

Consisting of:
1 Adapter tube
4 Screw-in adapter (M8x1, M9x1, M10x1 and M10x1,25)
4 Sealing cones (Ø 8.2/60°, Ø 8.2/90°, Ø 6.8/90°, Ø 6.8/120°)
1 Angle gauge

Part No.
Universal adapter set in a case 622 011 1000
Universal adapter set as a retrofit solution in foam (Figure 1) 622 011 1001

Recording Compression Tester Plus for diesel engines incl. universal adapter set

Measuring range | Part No.
--- | ---
10 - 40 bar* | 623 002 1223
10 - 60 bar* | 623 002 1233

Includes 1 pack of recording charts diesel

* Includes pos. 1, 15, 18, 19, 21

Recording Compression Tester Plus Set for petrol and diesel engines incl. Universal Adapter Set

Measuring range | Part No.
--- | ---
10 - 40 bar and 3,5 - 17, 5 bar | 623 607 1101
10 - 60 bar and 3,5 - 17,5 bar | 623 607 1102

Includes 1 pack of recording charts petrol and diesel

* Includes pos. 1, 9, 11, 15, 18, 19, 21
TEST EQUIPMENT:
Universal Adapter Set / Nozzle holder / Injector

MOTOMETER Universal Adapter Set
Nozzle holder / Injector

One of the most common causes for poorly tuned motors is compression leakage. A precise compression pressure test with the right tools is a must for anyone serious about diesel engine maintenance. This comprehensive Universal Adapter Set for nozzle holder covers a vast majority of modern engines fitted to most manufacturers’ vehicles. The collar system allows easy matching of injector profile.

Application range:
- car
- truck and bus
- commercial vehicles
- agricultural machinery

Content:
2 front piece 17mm and 21mm diameter
1 middle piece 10mm
1 middle piece 20mm
2 middle pieces 40mm
1 end piece
1 bracket 50mm
1 bracket, one sided
1 washer

Part No.
Universal Adapter Set in case 622 011 2000
Universal adapter set as a retrofit solution in foam 622 011 2001

**Rubber cones with socket**

2 63° cone ø 17 mm  
Part No. 622 004 1007

3 63° cone ø 21 mm  
Part No. 622 004 1013

4 30° cone ø 21 mm  
Part No. 622 004 1006

**Rubber cones without socket**

5 63° cone ø 17 mm  
Part No. 622 004 0007

6 63° cone ø 21 mm  
Part No. 622 004 0013

7 30° cone ø 21 mm  
Part No. 622 004 0006

**Threaded adapters for spark plugs**

8 M10 x 1: flat seating, approx. 130 mm long  
Part No. 622 010 4259

9 M10 x 1: flat seating, approx. 229 mm long  
Part No. 622 010 4492

10 M18 x 1,5: conical seating, approx. 134 mm long  
Part No. 622 010 4277

11 M18 x 1,5: conical seating, approx. 300 mm long  
Part No. 622 010 4494

**Adapters for the reuse of older thread-adapters**

12 straight (with screw thread and check-valve) only diesel  
Part No. 622 004 1009

13 angled (with screw thread and check-valve) only diesel  
Part No. 622 004 1008

**Pressure hoses**

14 approx. 350 mm long  
Part No. 622 004 1001

15 with spark plug adapter connector  
M12x1,25 / M14x1,25 approx. 383 mm long  
Part No. 622 004 1021

16 with spark plug adapter connector  
M10x1 approx. 401 mm long  
Part No. 622 004 1022
Extensions
17 approx. 70 mm long
   Part No. 622 004 1003
18 approx. 105 mm long
   Part No. 622 004 1002
19 approx. 140 mm long, with rubber cone, for
   spark plug apertures M10 x 1 + M12 x 1,25
   Part No. 622 004 1005
20 Angle 70°
   Part No. 622 004 1004
21 Storage case
   (black) with foam insert
   Part No. 622 006 0003
22 Switchgrip
   can be retrofitted to all testers
   Part No. 622 003 1004
23 Spare parts set petrol 12 bar
   * Pos. 4, 27, 28, 29
   Part No. 622 000 1008
24 Spare parts set petrol 17,5 bar
   * Pos. 11, 27, 28, 29
   Part No. 622 000 1005
25 Spare parts set diesel 40 bar
   * Pos. 27, 28, 29
   Part No. 622 000 1006
26 Spare parts set diesel 60 bar
   * Pos. 27, 28, 29
   Part No. 622 000 1007
29 Recording charts (in packs of 100)

<table>
<thead>
<tr>
<th>Measuring range</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,0 - 12,0 bar</td>
<td>622 001 0012</td>
</tr>
<tr>
<td>3,5 - 17,5 bar</td>
<td>622 001 0017</td>
</tr>
<tr>
<td>10,0 - 40,0 bar</td>
<td>622 001 0040</td>
</tr>
<tr>
<td>10,0 - 60,0 bar</td>
<td>622 001 0060</td>
</tr>
</tbody>
</table>

MOTOMETER GmbH
Fritz-Neuert-Straße 27 | 75181 Pforzheim/Germany
Phone +49 7231 42909-300 | Fax +49 7231 42909-305
E-Mail info@motometer.de | www.motometer.de