



TEST EQUIPMENT: Recording Compression Tester



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



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TEST EQUIPMENT: Recording Compression Tester

Recording Compression Tester for petrol engines

| Measuring range | Part No. |
|--|--------------|
| 3,5 - 17,5 bar with accessories in the case* | 623 000 1210 |
| 3,5 - 17,5 bar without accessories in a box | 623 001 1110 |

Includes 1 pack of recording charts petrol

* Includes pos. 11, 13, 18, 21, 22, 24

Recording Compression Tester for diesel engines

| Measuring range | Part No. |
|---|--------------|
| 10 - 40 bar with accessories in the case* | 623 002 1220 |
| 10 - 40 bar without accessories in a box | 623 002 1120 |
| 10 - 60 bar with accessories in the case* | 623 002 1230 |
| 10 - 60 bar without accessories in a box | 623 002 1130 |

Includes 1 pack of recording charts diesel

* Includes pos. 18, 21, 22, 24

Recording Compressions Testers for petrol and diesel engines 40 bar

in case:

- 1 Recording Compression Tester, petrol 3,5 - 17,5 bar
- 1 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
- 1 Recording Compression Tester, diesel 10 - 60 bar

Part No. 623 606 1102*

Includes 1 pack of recording charts petrol and diesel

* Includes pos. 11, 13, 18, 21, 22, 24



* Figure shows recording compression tester for petrol engines including accessories

* Figure shows recording compression set for petrol and diesel engines



TEST EQUIPMENT: Universal Adapter Set

MOTOMETER Universal Adapter Set

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 (\varnothing 8.2/60°, \varnothing 8.2/90°, \varnothing 6.8/90°, \varnothing 6.8/120°)
- 1 Angle gauge

| | |
|---|---------------------------------|
| Universal adapter set in a case | Part No. 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, 18, 21, 22, 24

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, 11, 13, 18, 21, 22, 24



Make a compatibility test here:
www.motometer.de/en/adapter-database.



* Figure shows recording compression tester PLUS set for petrol and diesel engines



Threaded adapters for spark plugs

- 2** M10 x 1: flat seating, approx. 130 mm long
Part No. 622 010 4259
- 3** M10 x 1: flat seating, approx. 229 mm long
Part No. 622 010 4492
- 4** M12 x 1,25: flat seating, approx. 132 mm long
Part No. 622 010 4258
- 5** M14 x 1,25: flat seating, approx. 284 mm long
Part No. 622 010 4287
- 6** M14 x 1,25: flat seating, approx. 159 mm long
Part No. 622 010 4272
- 7** M14 x 1,25: conical seating, approx. 163 mm long
Part No. 622 010 4271
- 8** M14 x 1,25: conical seating with short coupling,
approx. 137 mm long
Part No. 622 010 4257
- 9** M18 x 1,5: conical seating, approx. 134 mm long
Part No. 622 010 4277
- 10** M18 x 1,5: conical seating, approx. 300 mm long
Part No. 622 010 4494

Rubber cones with socket

- 11** 63° cone ø 17 mm
Part No. 622 004 1007
- 12** 63° cone ø 21 mm
Part No. 622 004 1013
- 13** 30° cone ø 21 mm
Part No. 622 004 1006

Rubber cones without socket

- 14** 63° cone ø 17 mm
Part No. 622 004 0007
- 15** 63° cone ø 21 mm
Part No. 622 004 0013
- 16** 30° cone ø 21 mm
Part No. 622 004 0006
- 17** **Check-valve**
for rubber cones
Part No. 622 003 1003





Pressure hoses

- 18** approx. 350 mm long
Part No. 622 004 1001
- 19** with spark plug adapter connector
M12x1,25 / M14x1,25 approx. 383 mm long
Part No. 622 004 1021
- 20** with spark plug adapter connector
M10x1 approx. 401 mm long
Part No. 622 004 1022

Extensions

- 21** approx. 70 mm long
Part No. 622 004 1003
- 22** approx. 105 mm long
Part No. 622 004 1002
- 23** approx. 140 mm long, with rubber cone, for
spark plug apertures M10 x 1 + M12 x 1,25
Part No. 622 004 1005
- 24** Angle 70°
Part No. 622 004 1004



Adapters for the reuse of older thread-adapters

- 25** straight (with screw thread and check-valve) only diesel
Part No. 622 004 1009
- 26** angled (with screw thread and check-valve) only diesel
Part No. 622 004 1008





TEST EQUIPMENT: Accessories for RCT

27 Storage case

(black) with foam insert
Part No. 622 006 0003



27

28 Switchgrip

can be retrofitted to all testers
Part No. 622 003 1004



28

29 Spare parts set petrol 12 bar

Content: Rubber cone 30°, slide-in plate, window and recording charts 12 bar

* Pos. 15, 32, 33, 34

Part No. 622 000 1008

30 Spare parts set petrol 17,5 bar

Content: Rubber cone 30°, slide-in plate, window and recording charts 17,5 bar

* Pos. 15, 33, 34, 35

Part No. 622 000 1005

31 Spare parts set diesel 40 bar

Content: Slide-in plate, window and recording charts 40 bar

* Pos. 33, 34, 35

Part No. 622 000 1006



33

32 Spare parts set diesel 60 bar

Content: Slide-in plate, window and recording charts 60 bar

* Pos. 33, 34, 35

Part No. 622 000 1007



34

35 Recording charts (in packs of 100)

Measuring range

Part No.

| | |
|-----------------|--------------|
| 2,0 - 12,0 bar | 622 001 0012 |
| 3,5 - 17,5 bar | 622 001 0017 |
| 10,0 - 40,0 bar | 622 001 0040 |
| 10,0 - 60,0 bar | 622 001 0060 |



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