



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



MOTOMETER

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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. 2, 4, 14, 17, 18, 20

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. 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

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. 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



TEST EQUIPMENT: Universal Adapter Set / Glow Plug

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 (\emptyset 8.2/60°, \emptyset 8.2/90°, \emptyset 6.8/90°, \emptyset 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, 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



Make a compatibility
test here:
[www.motometer.de/
en/adapter-database](http://www.motometer.de/en/adapter-database).



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



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

Universal Adapter Set in case

Part No.

622 011 2000

Universal adapter set as a retrofit solution
in foam

622 011 2001



**Make a compatibility
test here:**

**[www.motometer.de/
en/adapter-database](http://www.motometer.de/en/adapter-database).**





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)

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