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**MOTOMETER**

# Recording Compression Tester




## Our MOTOMETER Recording Compression Tester

Vehicle maintenance is a matter of trust. When picking up their car from the workshop, one must be able to rely on the fact that everything has been thoroughly checked and that a safe journey is guaranteed. When it comes to inspecting, measuring, and displaying vehicle functions, workshops all over the world rely on MOTOMETER. And they have been doing so for about 100 years. Checking and documenting engine pressure with the MOTOMETER recording compression tester is simple and safe. Its chart is clear and understandable for every customer.

Contact us today via our contact form for further information and advice: [Contact us now](#)



## Recording compression tester without accessories variants:

	623 001 1110	623 002 1120	623 002 1130
<b>Product image</b>			
<b>Use</b>	Petrol engine	Diesel engine	Diesel engine
<b>Air pressure</b>	3,5-17,5 bar	40 bar	60 bar
<b>Recording charts</b>	100 x Recording charts 3,5 – 17,5 bar	100 x Recording charts 40 bar	100 x Recording charts 10 – 60 bar
<b>Instruction manual</b>	1x	1x	1x
<b>Shop Link</b>	<a href="#">Discover now</a>	<a href="#">Discover now</a>	<a href="#">Discover now</a>

## None of the listed products exactly meets your needs?

Then do not hesitate to contact us via our contact form to discuss special requests and individual product customizations. Our experienced team is always available to understand your requirements and provide you with the optimal solution.

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# Recording Compression Tester

## Recording Compression Tester with accessories variants:

Part 1	623 607 1102	623 607 1101	623 002 1223	623 002 1233
Product image				
Use	Petrol and diesel engines	Petrol and diesel engines	Diesel engines	Diesel engines
Air pressure	3,5-17,5 bar / 10-60 bar	3,5-17,5 bar / 10-40 bar	10-40 bar	10-60 bar
Pressure hose	1x	1x	1x	1x
Recording charts	100x Recording charts 10 – 60 bar 100x Recording charts 3,5 – 17,5 bar	100x Recording charts 10 – 40 bar 100x Recording charts 3,5 – 17,5 bar	100x Recording charts 10 – 40 bar	100x Recording charts 10 – 60 bar
Extension angled 70°	1x	1x	1x	1x
Extension	2x	2x	2x	2x
Rubber cone with socket	1x Rubber cone with socket 63°, Ø 17 mm	1x Rubber cone with socket 63°, Ø 17 mm		
User manual	1x	2x	2x	2x
Case	1x	1x	1x	1x
Universal Adapter Set	1x	1x	1x	1x
Shop Link	<a href="#">Discover now</a>	<a href="#">Discover now</a>	<a href="#">Discover now</a>	<a href="#">Discover now</a>

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# Recording Compression Tester

## Recording Compression Tester with accessories variants:

Part 2	623 606 1101	623 002 1230	623 002 1220	623 000 1210
Product image				
Use	Petrol and diesel engines	Diesel engine	Diesel engine	Petrol engine
Air pressure	3,5-17,5 bar / 10-40 bar	10-60 bar	10 – 40 bar	3,5 – 17,5 bar
Pressure hose	1x	1x	1x	1x
Recording charts	100x Recording charts 3,5 – 17,5 bar 100x Recording charts 10 – 40 bar	100x Recording charts 10 – 60 bar	100x Recording charts 10 – 40 bar	100x Recording charts 3,5 – 17,5 bar
Extension angled 70°	1x	1x	1x	1x
Extension	2x	2x	2x	2x
Rubber cone with socket	1x Rubber cone with socket 63°, Ø17 mm Rubber cone with socket 30°, Ø21 mm			1x Rubber cone with socket 63°, Ø 17 mm 1x Rubber cone with socket 30°, Ø 21 mm
User manual	1x	1x	1x	1x
Case	1x	1x	1x	1x
Shop link	<a href="#">Discover now</a>	<a href="#">Discover now</a>	<a href="#">Discover now</a>	<a href="#">Discover now</a>

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

	<b>Part No.</b>
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

<b>Measuring range</b>	<b>Part No.</b>
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

<b>Measuring range</b>	<b>Part No.</b>
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