



# CALIBRATION AND TEST EQUIPMENT: Recording Compression Testers

## MOTOMETER

*powered by solutions*



### **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.

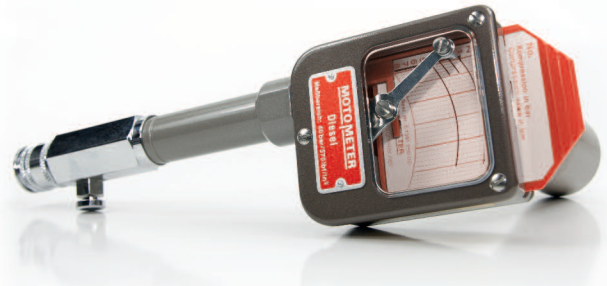
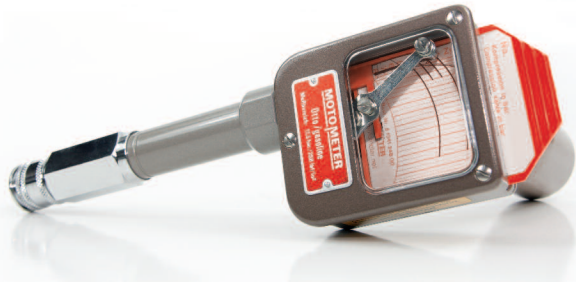
You will find a data file which contains already more than 20,000 data records of available adapters at our homepage under: [www.motometer.de](http://www.motometer.de).

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## CALIBRATION AND TEST EQUIPMENT: Recording Compression Testers

### Recording compression testers with quick-connect couplings, for petrol engines

Measuring range	Part No.
3.5 - 17.5 bar with accessories*	623 000 1101
50.0 - 250.0 lbf/in <sup>2</sup> with access.*	623 000 1102
3.5 - 17.5 bar, without accessories	623 001 1101

Includes 1 pack of recording charts petrol

\* Pos. 1 + 2, 4 - 6, 8, 16

### Recording compression testers with quick-connect couplings, for diesel engines

Measuring range	Part No.
10 - 40 bar with pressure hose*	623 002 1101
150 - 570 lbf/in <sup>2</sup> with pressure hose*	623 002 1102
10 - 60 bar with pressure hose*	623 002 1103
150 - 850 lbf/in <sup>2</sup> with pressure hose*	623 002 1104

Includes 1 pack of recording charts diesel

\* Pos. 16 + 17



### MOTOMETER Recording Compression Testers with quick-connect couplings for petrol and diesel engines (set)

as set in case, consisting of:

- 1 Recording compression tester for petrol engine 3.5-17.5 bar
- 1 Recording compression tester for diesel engine 10-40 bar
- 1 Pressure hose
- 3 Extensions of 70 and 140 mm, angle 70°
- 1 Adapter for keeping available connecting adapters
- 2 Rubber cones with sockets
- 2 Packs of recording charts petrol/diesel

**Part. No.**

623 603 1101

same set, but recording compression tester for diesel engines 10 - 60 bar

**Part. No.**

623 603 1102

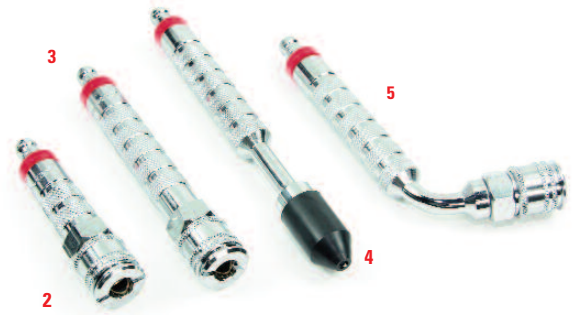
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- 1 Pressure hose**  
approx. 350 mm long  
Part No. 622 004 1001



### Extensions

- 2** approx. 70 mm long  
Part No. 622 004 1003
- 3** approx. 105 mm long  
Part No. 622 004 1002
- 4** approx. 140 mm long, with rubber cone,  
for spark plug apertures M 10 x 1 + M 12 x 1.25  
Part No. 622 004 1005
- 5** Angle 70°  
Part No. 622 004 1004

### Rubber cone with socket

- 6** 63° cone ø 17 mm  
Part No. 622 004 1007
- 7** 63° cone ø 21 mm  
Part No. 622 004 1013
- 8** 30° cone ø 21 mm  
Part No. 622 004 1006



### Threaded adapters for spark plugs

- 9** M14 x 1,25: flat seating, approx. 325 mm long  
Part No. 622 010 4287
- 10** M18 x 1,5: conical seating, approx. 134 mm long  
Part No. 622 010 4277
- 11** M14 x 1,25: flat seating, approx. 134 mm long  
Part No. 622 010 4272
- 12** M14 x 1,25: conical seating with standard and long  
coupling, approx. 161 mm long  
Part No. 622 010 4271
- 13** M10 x 1: flat seating, approx. 134 mm long  
Part No. 622 010 4259
- 14** M12 x 1,25: flat seating, approx. 134 mm long  
Part No. 622 010 4258
- 15** M14 x 1,25: conical seating with short coupling,  
approx. 134 mm long  
Part No. 622 010 4257



9 10 11 12 13 14 15

- 16 Storage case** (black) with insert  
Part No. 919 000 3540

### Adapters

- 17** straight (with screw thread and check-valve)  
Part No. 622 004 1009
- 18** angled (with screw thread and check-valve)  
Part No. 622 004 1008
- 19 Switchgrip**  
can be retrofitted to all testers  
Part No. 622 003 1004



## CALIBRATION AND TEST EQUIPMENT: Accessories for Recording Compression Testers

- 20 Check-valve**  
for accessories of recording compression testers  
Part No. 622 003 1003

### Rubber cones

- 21** 63° cone,  $\varnothing$  17 mm  
Part No. 622 004 0007
- 22** 63° cone,  $\varnothing$  21 mm  
Part No. 622 004 0013
- 23** 30° cone,  $\varnothing$  21 mm  
Part No. 622 004 0006



- 27 Spare parts set gasoline 17,5 bar**  
consisting of rubber cone with socket 30°,  
Slide-in plate, window and recording charts 17,5 bar  
**\* Pos. 8, 24, 25, 26**  
Part No. 622 000 1005



- 28 Spare parts set diesel 40bar**  
consisting of slide-in plate, window and  
recording charts 40 bar  
**\* Pos. 24, 25, 26**  
Part No. 622 000 1006

- 29 Spare parts set diesel 60bar**  
consisting of slide-in plate, window and  
recording charts 60 bar  
**\* Pos. 24, 25, 26**  
Part No. 622 000 1007

### 26 Recording charts (in packs of 100)

Measuring range	Part No.
3,5 - 17,5 bar	622 001 0017
2,0 - 12,0 bar	622 001 0012
10,0 - 40,0 bar	622 001 0040
10,0 - 60,0 bar	622 001 0060
50,0 - 250,0 lbf/in <sup>2</sup>	622 001 0250
150,0 - 570,0 lbf/in <sup>2</sup>	622 001 0570
150,0 - 850,0 lbf/in <sup>2</sup>	622 001 0850

Subject to modifications

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