



CALIBRATION AND TEST EQUIPMENT: Recording Compression Testers

MOTOMETER

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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: Products > Calibration and test equipment > Adapters.

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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* (p. 4, left column)	623.000.1101
50.0 - 250.0 lbf/in ² with access.* (p. 4, left column)	623.000.1102
3.5 - 17.5 bar, without accessories	623.001.1101
Exchange unit 3.5 - 17.5 bar (without switchgrip, without accessories)	623.001.1103

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

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 ² with pressure hose*	623.002.1102
10 - 60 bar with pressure hose*	623.002.1103
150 - 850 lbf/in ² with pressure hose*	623.002.1104
10 - 40 bar, exchange unit without pressure hose	623.002.1105
10 - 60 bar, exchange unit without pressure hose	623.002.1106
10 - 40 bar, exchange unit + pressure hose + Pos. 16	623.002.1107
10 - 60 bar, exchange unit + pressure hose + Pos. 16	623.002.1108

* Pos. 15 + 16



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
- 1 Operating instructions manual

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: conical seating with short coupling
Part No. 622.010.4257
- 10** M12 x 1,25: flat seating
Part No. 622.010.4258
- 11** M10 x 1: flat seating
Part No. 622.010.4259
- 12** M14 x 1,25: conical seating with standard and long
coupling
Part No. 622.010.4271
- 13** M14 x 1,25: flat seating
Part No. 622.010.4272
- 14** M18 x 1,5: conical seating
Part No. 622.010.4277



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- 15 Storage case** (black) with insert
Part No. 919.000.3540



Adapters

- 16** straight (with screw thread and check-valve)
Part No. 622.004.1009
- 17** angled (with screw thread and check-valve)
Part No. 622.004.1008



CALIBRATION AND TEST EQUIPMENT: Accessories for Recording Compression Testers

- 18 Switchgrip**
can be retrofitted to all recording
compression testers
Part No. 622.003.1004



- 19 Check-valve**
for accessories of recording compression
testers
Part No. 622.003.1003



- 20 Slide-in plate**
orange
Part No. 539.201.1900



- 21 Window**
for recording compression testers
Part No. 543.210.0600



Rubber cones

- 22** 63° cone, \varnothing 17 mm
Part No. 530.710.0500
- 23** 63° cone, \varnothing 21 mm
Part No. 530.710.0400
- 24** 30° cone, \varnothing 21 mm
Part No. 530.710.0200



- 25 Recording charts (in packs of 100)**

Measuring range	Part No.
3,5 - 17,5 bar	513.412.4800
2,0 - 12,0 bar	513.412.4900
10,0 - 40,0 bar	513.412.5000
10,0 - 60,0 bar	513.412.5100
30,0 - 170,0 lbf/in ²	513.412.5200
50,0 - 250,0 lbf/in ²	513.412.5300
150,0 - 570,0 lbf/in ²	513.412.5400
150,0 - 850,0 lbf/in ²	513.412.5500



Subject to modifications.

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