Producer: MOTO METER

MOTOMETER GmbH

Hanauer Straße 15, 75181

Technical data of the machine

Pforzheim/Germany

Risk analysis/ Risk assessment

CE

State: 12.03.2025

all relevant provisions of the Machinery Directive (2006/42/EC)

Description: Compression pressure recorder, CPR for short Model / Series: 17,5bar; 40bar; 60bar / 623 xxx xxxx

Year of construction: 20xx

Serial number: starts from 06xxxxx10
(Month + consecutive number 5 digits + year 2 digits)

(Month + consecutive number 5 digits + year 2 digits)		Fyear 2 digits)	
Change feature	Verification of value	Result	
Change in function NO Change in area of application NO	Change in intended use? NO	The different variants do not represent a change to the basic system. It is	
Change in equipment NO	Significant change to the protective system or safety-relevant components? NO	therefore sufficient to create a single set of documents in accordance with Annex VII B MRL	
Change in performance YES			
Possible danger	Assessment and counteraction		
contusion / blow / bruise	Crushing and bruising may occur if the KPS hits a foot or other limb when falling. This should be prevented by wearing suitable clothing and footwear.		
Abrasions if the handle breaks	Abrasions if the handle breaks In rare cases, the handle may break if it is subjected to constant high loads. To avoid abrasions, it is advisable to wear close-fitting protective gloves to avoid coming into contact with rotating parts.		
Beat	If the adapter is not correctly attached to the motor, the adapter may come loose. It is therefore important to ensure correct attachment in accordance with the operating and installation instructions.		
Eye and skin injuries	When using the rubber cone, insufficient holding pressure can cause the air between the rubber and the plug hole to be blown out. This can cause dirt, oil or petrol droplets to be ejected, which can lead to eye or skin injuries. Appropriate eye and skin protection must be worn.		
Crushing, pinching	The driven motor generates entry points for hands, clothing and possibly hair via the possibly unprotected V-belt drives. Appropriate protective clothing must be worn. Careful handling is required.		
Burn, chemical burn	When using the contact handle, incorrect connection of the contact terminals can lead to a short circuit and thus to heat development due to heating of the cable and, in extreme cases, to an explosion of the battery. Ensure that the contacts are connected correctly.		
Combustion	There is an acute risk of burns due to the high engine temperature (80°C). Careful handling is required.		

MOTOMETER GmbH

Hanauer Straße 15 75181 Pforzheim/Germany

Date: 18.04.2017

Technic: Dieter Noe

il. Diet Noe

Producer MOTO METER MOTOMETER GmbH Hanauer Straße 15, 75181	Declaration of Incorporation all relevant provisions of the Machinery Directive (2006/42/EC)	State: 12.03.2025
Pforzheim/Germany		
Technical data of the machine	Description: Compression pressure recorder, CPR for short Model / Series: 17,5bar; 40bar; 60bar / 623 xxx xxxx Year of construction: from 1996 Serial number: starts from 12xxxxx96 (Month + consecutive number 5 digits + year 2 digits)	
Explanation	The compression pressure recorder / CPR has been developed, designed and manufactured in accordance with the relevant provisions of the Machinery Directive (2006/42/EC) and other applicable EU directives under the sole responsibility of MOTOMETER GmbH and is ready for independent use.	
Applicable EU directives	2001/95/EG, 2009/104/EG	
Applied harmonized standards	EN ISO 12100 (2011/03), EN ISO 4414 (2011/04)	
National standards and/or specifications	Accident prevention regulations of the BG: VBG 1 "General regulations"	
Documentation and operating instructions	The operating instructions with declaration of instructions are enclosed with the compression instructions are available in the official Europ as well as in the relevant national languages	on pressure recorder. The operating pean languages German and English,
Note	The partly completed machinery may not be properly installed by a competent person in a instructions. Only original accessories from the completed machinery may be used for installar MOTOMETER GmbH accepts no responsibility incorrect use.	ccordance with the installation he manufacturer of the partly ation.
MOTOMETER GmbH Hanauer Straße 15		

Hanauer Straße 15 75181 Pforzheim/Germany

Date: 18.04.2017

Technic: Dieter Noe

i.V. Diety Noe

Assembly instructions in accordance with the relevant provisions of the Machinery Directive (2006/42/EC)

Note:

Please read the operating instructions carefully before using the compression pressure recorder. It contains important instructions and information that must be observed before and during installation and helps to avoid misunderstandings and accidents caused by improper use.

MOTOMETER GmbH recommends having all work carried out by a specialist workshop. If anything is unclear to you, please contact our service department before commissioning the compression pressure recorder.

You can reach them at: +49 7231/4707 - 500

These operating instructions and the declaration of incorporation are part of the compression pressure recorder and must be handed over to the buyer without request if the compression pressure recorder is sold!

Hand these installation instructions to your customer!

Procedure:

Check that the goods are intact and complete before use.

There are various options for connecting to the engine:

Rubber cone / screw-in adapter / clamping adapter

When measuring using a **rubber cone (only for petrol engines) (Fig. 1),** make sure to generate sufficient contact pressure to ensure tightness at the spark plug bore.

When measuring with adapters (Fig. 2), pay attention to the following:

- Selecting the right adapter
- Correct installation: do not tilt, clean sealing surface, min. 5 threads
- Tighten the screw-in adapter to the specified torque

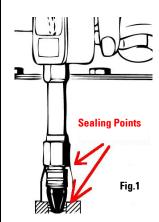
M 8 thread: 10 Nm

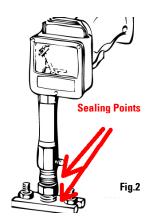
M 9 thread: 12 Nm

M 10 thread: 15 Nm

M 12 thread: 22 Nm

- Clamp adapters require correct fastening with a claw (to be used in the set or by the vehicle, depending on the version)
- A seal (flame washer) must be used for adapters with a flat sealing surface
- When coupling the adapters to the compression pressure recorder, extensions, pressure hose, rubber cones, ensure that the quick coupling engages fully.
- The generally applicable accident prevention regulations must be observed





Danger warnings:	Leaks can lead to the ejection of soot particles, dirt, oil and fuel droplets, which can cause injuries (to the eyes, allergic reactions, skin and respiratory tract irritation). The adapter can also come loose and fly off if it is not properly attached. Therefore, when coupling adapters / extensions / pressure hoses / rubber cones, ensure that the quick coupling engages fully. Only original accessories from the manufacturer may be used!
Legal Notice:	MOTOMETER GmbH is not liable for damage of any kind caused by improper installation and/or improper handling of the compression pressure recorder or the installation material supplied.