

**PLEASE READ BEFORE STARTING TO USE THE HYDRAULIC PUMP.
Refer to the PM205 instruction manual for operation of the digital manometer.**

User's Instructions PCA205M Pressure Calibrator

Always release the pressure from the system that is going to be tested before the PCA205M is connected.

Always release the pressure at the PCA205M before connecting or removing digital manometers and test hose.

WARNING! CAUTION!

The PCA205M hydraulic pump is capable of generating very high pressure up to 700 bar with ease. When low pressure manometers and systems are connected, be sure not to overpressure the system.

The digital manometer supplied is rated to 300 bar. No warranty will be in effect in case this pressure limit is exceeded.

DO NOT EXCEED THIS PRESSURE WHEN OPERATING THE HYDRAULIC PUMP!

1. Open the pressure relieve valve at the pump before any manometer or hose is connected (or disconnected).
2. Connect the digital manometer to the upward pointing t-connector at the pump if it has been disconnected.
3. The manometer should preferably be installed in the upright position in order to maintain the accuracy specification.
4. Connect the test hose to the lower connector at the pump.
5. Connect the test hose to the system being tested by use of the 40mm test flange supplied.
6. Close the pressure relieve valve at the pump. The system is now ready to be tested. Watch the digital manometer when ***carefully and slowly*** pumping up to the desired pressure. Do **NOT** exceed **300 bar** as this is the rated pressure of the digital manometer. If too much pressure is applied, release the pressure by opening the pressure relieve valve. Always make sure the hydraulic pump is refilled with hydraulic oil in case oil has been spilled.

Excess air in the system may cause unstable pressure readings!

Subject: MANP029 rev. 1.0, 2005-09-20

PCA205M Pressure Calibrator

