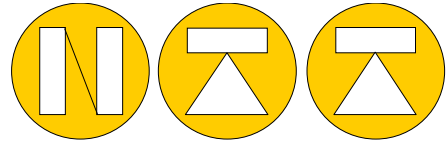


# GPM-500

## Manual pump pressure generator

DATA SHEET: GPM1/20.11.00



NORDIC TRANSDUCER



**GPM** manual pressure generator is an equipment designed to solve calibration problems and to control index pressure gauges, pressure transducers and pressure transmitters. Pressure is generated through an internal piston which allows, thanks to a screw-system, a pressure micrometric adjustment with highly reduced efforts.

Structure is made of aluminium to increase its handiness and includes: a central tank where filling oil of hydraulic circuit flows into, a ball valve for the unload, a tank hermetic lock device for the transport and two 1/2 gas couplings to connect the first-line-sample to the pressure gauge to be checked. Manual pressure generator is complete with tight gas-gaskets and travelling case where you can place two pressure gauges.

Main fields of application for GPM are strictly bound to companies or laboratories which are quality-certified and have the need to check at regular intervals their pressure indicators with a first-line-sample SIT certified.

### Main characteristics :

- ✓ Range from 0 up to 700 bar
- ✓ Dimensions 230 x 180 x 40 mm. .Weight 4,5 kg.
- ✓ Made of aluminium alloy and stainless steel.
- ✓ Rotating couplings with o ring tight.
- ✓ Oil feeding.
- ✓ Quick pressure discharge system.
- ✓ Built-in tank

Depending on total accuracy wanted in this test system as option 3 types of Pressure gauges can be utilized:

**LabDMM 0.05% accuracy**

**DFP 0.10% accuracy**

**Bit02 0.20% accuracy**

### ACCESSORIES

.**LabDMM** digital pressure gauges class 0.05% complete with SIT certificate-

.**Quick Calibration**, utility software to gather data on PC, errors processing and printing of a referable SIT certificate.



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GPM-500 is produced by AEP transducers for Nordic Transducer