

# MEASURING SYSTEMS - measuring sets



## TEMA 100

Measuring system designed to monitor static, dynamic pressure as well as vacuum in hydraulic and pneumatic applications. The measuring system consists of a basic set and such accessories as: additional measuring nipples, hoses and adapters that facilitate measurement in hardly accessible places. A self-venting device guarantees accurate readings. A quick release coupling designed to be connected with a measuring nipple has integrated shut-off valves that ensure spill free connection and disconnection of the measuring system.

Maximum working pressure up to 600 bar.

Standard set designed to measure pressure in hydraulic systems is supplied in a plastic case and consists of:

- measuring handle TA-M-101-2\*,
- pressure gauge of your choice\*\*,
- measuring nipple TA-M-120,
- measuring hose assembly TA-M-130 (L=2.5m),
- adapter TA-M-135 (1/4" BSP female / 1/8" BSP male thread),
- adapter TA-M-136 (1/8" BSP female / 1/4" BSP male thread),
- adapter TA-M-139 (M16x2 female thread)

There is empty space for two additional pressure gauges and TA-M-139 adapter in this plastic case.

code	type
TA-M-101	Set without pressure gauge
TA-M-105	Set with 1 press. gauge (-1 ÷ 15 bar)
TA-M-112	Set with 1 press. gauge (0 ÷ 25 bar)
TA-M-113	Set with 1 press. gauge (0 ÷ 40 bar)
TA-M-114	Set with 1 press. gauge (0 ÷ 60 bar)
TA-M-106	Set with 1 press. gauge (0 ÷ 100 bar)
TA-M-107	Set with 1 press. gauge (0 ÷ 250 bar)
TA-M-108	Set with 1 press. gauge (0 ÷ 400 bar)
TA-M-109	Set with 1 press. gauge (0 ÷ 600 bar)

\* option - measuring handle TA-M-101-21A

\*\* for a set with 2 pressure gauges, add their numbers to the code - e.g. TA-M-106-13 (a set with one pressure gauge 0÷100 bar and one pressure gauge 0÷40 bar.)

### COMPONENTS AND ACCESSORIES OF TEMA 100 SYSTEM

picture	code	description
	TA-M-101-2	Measuring handle that can be connected under low pressure. Equipped with pressure gauge port, quick release coupling with shut-off valve and self-venting device.
	TA-M-101-21A	Measuring handle that can be connected under full working pressure. Equipped with pressure gauge port, quick release coupling with shut-off valve, self-venting device and valve.
	TA-M-101-3	Self-venting block with an alternative position of a venting screw.
	TA-M-120	Measuring nipple 1/8" BSP male thread, A type seal, galv. steel (PVC blank cap).
	TA-M-120-126	Measuring nipple 1/8" BSP male thread, A type seal, galv. steel.
	TA-M-120UNF	Measuring nipple 7/16" UNF male thread, galv. steel (PVC blank cap).
	TA-M-121-125	Measuring nipple 1/4" BSP male thread, A type seal, galv. steel (PVC blank cap).
	TA-M-121-126	Measuring nipple 1/4" BSP male thread, A type seal, galv. steel.
	TA-M-121R	Measuring nipple 1/4" BSP male thread, A type seal, AISI 316 steel (PVC blank cap).
	TA-M-121R-126R	Measuring nipple 1/4" BSP male thread, A type seal, AISI 316 steel
	TA-M-122-125	Measuring nipple 1/4" BSP male thread, B type seal, galv. (PVC blank cap).
TA-M-122-126	Measuring nipple 1/4" BSP male thread, B type seal, galv. steel.	