



Working hydraulics
 diagnosis test case
HPKD-AH

Developed especially for commercial vehicles, tractors and trucks with hydraulic auxiliary equipment (working hydraulics) for municipal as well as in agriculture and forestry: **HPKD-AH** hydraulic test case for working hydraulics diagnosis.

A standard configuration is shown here, but we are also happy to create together with you your individual configuration (pressure measuring ranges, connections, adaptations, etc.).

With this **HPKD-AH** test kit, a quick, safe and reliable diagnosis of all hydraulic systems is possible.



The HPKD-AH hydraulic test case has been specially designed to meet the requirements for checking and testing the hydraulic systems on universal commercial vehicles (e.g. Unimog) as well as agricultural and construction machinery.

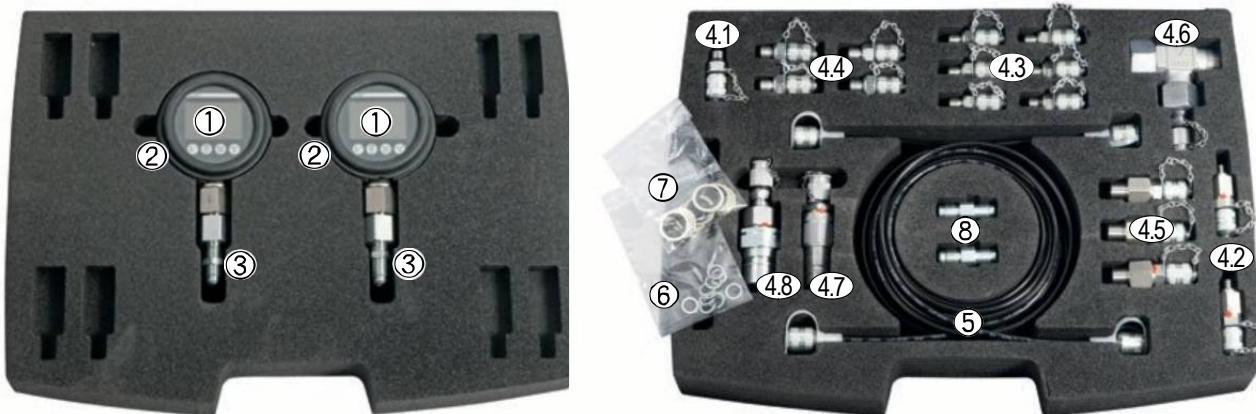
- Content:**
- 2 Digital pressure gauges DM 80 (0...600 bar)
 - 2 Pressure gauge connections 1/2" BSP
 - 1 Adapter set
 - 4 Pressure hoses M16x2
Length each je 3 Meter
 - 10 Sealing rings M8 (st.st.)
 - 10 Sealing rings M18 (st.st.)
 - 2 Hose connectors M16x2
 - Transport and storage case with milled molded foam inserts

For more detailed information on the scope of delivery, see next page.

Technical data

Pressure range (digital pressure gauge DM 80):	0...600 bar (0...8702 psi)
Maximum permissible overpressure (digital pressure gauge DM 80):	600 bar
Burst pressure (digital pressure gauge DM 80):	1,200 bar
Measurement accuracy (digital pressure gauge DM 80):	±0.5% v.E. as per IEC 60770
Burst pressure (pressure hose):	1,950 bar
Permissible ambient temperature range:	-20...+65°C
Permissible storage temperature range:	-20...+50°C
Maximum permissible medium temperature:	+60°C
Maximum permissible relative humidity:	<85%, non-dewing
Material pressure ports:	Stainless steel
Material gaskets:	NBR
Material test ports:	Stainless steel
Weight:	approx. 6 kgs
Dimension (complete with case):	approx. 500 x 410 x 130 mm

Full content:



(Position) Description	Qty.
(1) Digital pressure gauge DM 80, 0...600 bar, Cl. 0.5	2
(2) Rubber protection cap, black	2
(3) Pressure gauge connection SMA20 - G 1/2-P-OR	2
(4) Adapter set, consisting of:	1
(4.1) Test port G 1/4 (1/4" BSP)	1
(4.2) Test port M 8 x 1	2
(4.3) Test port M 12 x 1,5	6
(4.4) Test port M 14 x 1,5	4
(4.5) Test port M 18 x 1,5	3
(4.6) Test adapter, T-piece, 20S, M 16 x 2	1
(4.7) Test adapter, hydraulic pc. HP 10 - M 16 x 2	1
(4.8) Test adapter, hydraulic pc. HP 12 - M 16 x 2	1
(5) Pressure hose M 16 x 2i, length 3 m	4
(6) Sealing ring in stainless steel, M 8	10
(7) Sealing ring in stainless steel, M 18	10
(8) Hose connector M16 x 2 male x M 16 x 2 male	2
Case with milled molded foam inserts	1