

Hydraulic Diagnostic Device HD 01

for testing and diagnostic works in hydraulic systems

- 2 measuring channels
- Per measuring channel display of 3 physical quantities:
Pressure (P) + Flow rate (Q) + Temperature (T)
Accuracy of pressure measurement: $\pm 0.5\%$ FS
Accuracy of flow rate and temperature measurement: $\pm 2\%$ FS
- Logging and storage of measured data via USB interface
on USB stick
- The integrated chargeable Li-Ion battery guarantees long time
autonomous operation
- Clear, easy reading LC display,
with backlight option
- Operation via easy manageable keypad
- Measuring rate: 1 ms (1 measurement every 0.001 s)
- Data storage rate: 100 ms
- Sensors supplied with factory certificate of calibration



HD-01-SET-01

- Handheld device HD 01
- Sensor package
Pressure: 0...250 bar ($\pm 0.5\%$ FS)
Flow rate: 7,5...75 l/min ($\pm 2\%$ FS)
Temperature: 0...125°C ($\pm 2\%$ FS)
- Battery charger
- USB stick
- Factory certificate of calibration
- Carrying case with foam inserts



HD-01-SET-02

- Handheld device HD 01
- Sensor package
Pressure: 0...400 bar ($\pm 0.5\%$ FS)
Flow rate: 15...300 l/min ($\pm 2\%$ FS)
Temperature: 0...125°C ($\pm 2\%$ FS)
- Battery charger
- USB stick
- Factory certificate of calibration
- Carrying case with foam inserts



HD-01-SET-03

- Handheld device HD 01
- Sensor package
Pressure: 0...400 bar ($\pm 0.5\%$ FS)
Flow rate: 40...600 l/min ($\pm 2\%$ FS)
Temperature: 0...125°C ($\pm 2\%$ FS)
- Battery charger
- USB stick
- Factory certificate of calibration
- Carrying case with foam inserts

Accessory: MBV Volume flow controller

For simulation of a load on the hydraulic pump.

Models and Order-Codes see next page.





Hydraulic Diagnostic Device HD 01 Sets / Spare parts / Accessories

Content - Hydraulic Diagnostic Device HD 01 Sets		Order-Code:
Set 1:	• HD 01 Hydraulic Diagnostic basic Device • Sensor package 7.5...75 l/min + 0...250 bar + 0...125°C • Battery charger • USB Stick • Storage and transport case with foam inserts	HD-01-SET-01
Set 2:	• HD 01 Hydraulic Diagnostic basic Device • Sensor package 15...300 l/min + 0...400 bar + 0...125°C • Battery charger • USB Stick • Storage and transport case with foam inserts	HD-01-SET-02
Set 3:	• HD 01 Hydraulic Diagnostic basic Device • Sensor package 40...600 l/min + 0...400 bar + 0...125°C • Battery charger • USB Stick • Storage and transport case with foam inserts	HD-01-SET-03
Components and Accessories for HD 01:		Order-Code:
HD 01 Hydraulic Diagnostic basic Device (without sensors, etc.)		HD-01
Sensor package 7.5...75 l/min + 0...250 bar + 0...125°C		HD-01-SP-075
Sensor package 15...300 l/min + 0...400 bar + 0...125°C		HD-01-SP-300
Sensor package 40...600 l/min + 0...400 bar + 0...125°C		HD-01-SP-600
Pressure sensor (single) for HD 01: Pressure range 0...250 bar		HD-01-DS-0250
Pressure sensor (single) for HD 01: Pressure range 0...400 bar		HD-01-DS-0400
Pressure sensor (single) for HD 01: Pressure range 0...600 bar		HD-01-DS-0600
Accessories for HD 01:		Order-Code:
MBV Volume flow controller, for simulation of a load on the hydraulic pump		
For range 7.5...75 l/min (Connections: 2 x M18x1,5)		HD-01-MBV-075
For range 15...300 l/min (Connections: 2 x M42x2)		HD-01-MBV-300
For range 40...600 l/min (Connections: 2 x M48x2)		HD-01-MBV-600