



Leak testing device RPG-3

Option: Water level test for shafts and separators

Description

Leak tests on shafts and separators are usually performed a level change measurements using water as a test medium.

The leak testing device RPG-3 with the shaft testing option is able to measure precisely even the slightest changes in the water level and to document these in accordance with the requirements of the standard DIN EN 1610 and ATV/DWA-M 143 (shafts) and the DIN 1999-100 (filter).

Depending on the task at hand, the test object may

- only be a shaft or filter,
- a shaft / filter including all pipelines and other further shafts
- a water pressure test with a gravity tank to a pipe line.

Depending on the configuration, the protocol can be generated manually as a PC record or as a file in the data memory (blackbox).

Also, using the supplied Windows software, the user is in a position to easily determine the test specifications for the specific object, even in the case of complex systems, and to generate graphic test protocols.

The water level measuring facility of the RPG-3 was approved by the LGA Bayern for testing separators acc. to DIN 1999-100.



Technical parameters

Connection: Leak testing device RPG-3 or Leak testing system ROHRTEST-4

Tests acc. to: EN 1610 (W)
DIN 1999-100, DIN 4040-100
DIN 4261-1, EN 12566-1
Special test (free parameter)

Protocols: Supplier / contractor data
Description of contract object
Test specifications
Test result
Graphic chart (colour print-out)
Measured value list
Appendix with detailed calculation

Measuring range: 0.0 ... + 50.0 mm

Measuring resolution: 0.1 mm

Measuring accuracy: better than +/- 0.2 mm

Delivery scope: - Level measuring sensor
- Aluminium laser tripod with holder
- Extension pipes and end piece
- Calibration record
- Testing software for RPG-3
- Operating manual

Option: - Sensor connection cable 10 m / 20 m
- Extension pipes 1 m