



Leak detection system ROHRTEST-4

Option: Measuring device "HIGH PRESSURE"

Description

This expansion module for the pipe leak testing system ROHRTEST-4 allows testing of drinking water and waste water penstocks, tanks and fittings.

Depending on the selected test regulations, the tests are realised automatically for the various pipeline materials.

In particular when testing the frequently used PE-HD and PVC pipes, the use of precise measuring and control technology reduces the testing time considerably. When carrying out a contraction procedure, full compliance with the valid test standards and the prevention of any subjective influences is achieved.

A valve-controlled electronic water volume meter is integrated into the device; this allows automatic testing to ensure that there is no air when conducting pressure tests.



Innendruckprüfung nach EN 805

3.3 Druckabfallprüfung	Beginn: 26.03.2001 13:40:45	Ende: 26.03.2001 13:42:34
Verfahren: Wasserablaß		
Wasserablaßmenge: 0.05 l		
Druckabsenkung um: 4.5 bar		
Abfallmenge: 0.05 l		
Druckabfall: 9.0 bar		
Prüfergebnis: Strecke ist ausreichend luftfrei		
3.4 Dichtheitsprüfung	Beginn: 26.03.2001 13:42:34	Ende: 26.03.2001 15:26:59
Verfahren: Druckverlustmethode		
Prüfdruck: 15.0 bar		
Zul. Wasserverlust: 200.0 mbar		
Zul. Druckabfall: 311.8 mbar	in: 1.5 h	
Verlustmenge:		
Druckabfall: 311.8 mbar		
Prüfergebnis: Druckabfall zu hoch, Prüfung nicht bestanden		
Prüfgerät: RT4 #991102		
Prüfer: Meier		
Protokolldatei: 0103261237.DAT		

Prüfdruck [bar]

Zeit [min]

- Wasserleitung - Luftdruck - Dichtgerät

4. Prüfvermerk
Bemerkung:
5. Unterschriften der Prüfbeauftragten
Datum
Auftraggeber Auftragnehmer

Technical parameters

Connection: Via connection cable on the basic device ROHRTEST-4, power supply via the low-voltage protector from the basic device

Water pressure tests acc. to:
 DIN EN 805
 DIN 4279
 Special test (free parameters)

Protocols: Contractor / supplier data
 Description of contractual object
 Testing specifications
 Test result
 Pressure graph (colour print-out) with key

Measuring range: Test pressure 0 ... 25 (40) bar

Accuracy: Pressure drop +/- 15 mbar

Delivery scope: -Measuring device ROHRTEST-4 "HIGH PRESSURE" in watertight case model
 -Integrated calibratable fine measuring manometer as a control measuring unit
 -Waterproof connection cable measuring device- basic unit 10m
 -Hose set with high-pressure safety coupling and pump connection
 -Calibration protocol