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WATER PERMEABILITY TESTER FOR CONCRETE RVH 3-12/150

Tester is designed for testing permeability in firm concrete under pressure of water - determining the depth of seepage.

Max. amount of test places is from 3 to 12. All of test places are under the same pressure from top. Pressure control is manual – via control valve, max. pressure is up to 1,5 MPa. In the bottom part is water tank and air compressor. Test places, work area and water tank are made from stainless steel. Designed for testing cubes 150 mm. Compressor (optionally) can be for max. pressure 0.8 or 1.5 MPa.

On the front side of device is control panel with:
- calibrated gauge for displaying of the work pressure
- control valve for setting of the work pressure
- manual ball valves for closing each of work places (1 to 12)
- manual valve for depressurization of the device

Technical data:	**RVH 3/ 150**
Dimensions W x D x H	950 x 500 x 1 300 mm
Number of test places	3
Max. pressure to setting	1,5 MPa from top
Mass	80 kg

Technical data:	**RVH 6/ 150**
Dimensions W x D x H	950 x 620 x 1 300 mm
Number of test places	6
Max. pressure to setting	1,5 MPa from top
Mass	120 kg

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Technical data:	RVH 12/ 150
Dimensions W x D x H	1850 x 620 x 1 300 mm
Number of test places	12
Max. pressure to setting	1,5 MPa from top
Mass	225 kg

WATER PERMEABILITY TESTER FOR CONCRETE AVH PLC 3-12/150

Tester is designed for testing permeability in firm concrete under pressure of water - determining the depth of seepage.

Max. amount of test places is from 3 to 12. The test can be carried out progressively up to three pressures /stool without control valve - contains a pressure sensor/. All of test places are under the same pressure. The test is fully automated. After the test is device depressurised. The value of pressure, time and sequence are set on the PLC and manual switches. Manual ball valves are used to shut down individual measuring points. The control system registers a drop of the test pressure and registers the lack of fluid. In case of power failure, the facility operates on backup power - cca 10 hours.
In the bottom part is water tank and air compressor. Test places, work area and water tank are made from stainless steel. For testing cubes 150 mm. Compressor (optionally) can be for max. pressure 0.8 or 1.5 MPa.

On the left front side of the device there is a control panel with the features:
- Calibrated pressure gauge for displaying the operating pressure
- Hand closures for closing each place /3 to 12/

On the right front side of the device is the electric panel with elements:
- START - turning on automatic cycle.
- STOP - is used to terminate / cancel the test. Interrupting of the test is indicated by backlighting (button start flashing).
- DEPRESSURIZATION - is used to depressurize the system. Manual or automatic depressurization is indicated by the illumination of a button.
- PLC - control with a pressure sensor, can select up to three pressures and time.
- MANUAL TRIPLE SWITCH - cooperates with PLC, option: pressure setting, time, information about the test.

- WATER - LED indicates the absence of liquid under pressure seats
- POWER - indicates that the supply voltage, circuit breaker compressor and 24V DC power supply is fine.
- PROBLEM - indicates an error (pressure drop during the test, etc.).
- POWER - on / off device

Technical data:	**AVH PLC 3/ 150**
Dimensions W x D x H	1100 x 500 x 1300 mm
Number of test places	3
Max. pressure to setting	1,5 MPa from top
Mass	90 kg

Technical data:	**AVH PLC 6/ 150**
Dimensions W x D x H	1100 x 620 x 1300 mm
Number of test places	6
Max. pressure to setting	1,5 MPa from top
Mass	130 kg

Technical data:	**AVH PLC 12/ 150**
Dimensions W x D x H	1850 x 620 x 1300 mm
Number of test places	12
Max. pressure to setting	1,5 MPa from top
Mass	230 kg


BRIO
AVH-PLC-12