

INTEGRATED SYSTEMS FOR: WATER ARMATURES & PUMPS

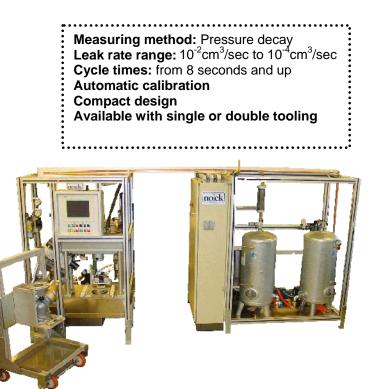
Specialist in leak testing since 1973



TESTING WATER ARMATURES AND PUMPS

Nolek has extensive experience constructing systems to leak test a wide variety of parts and products within the water armature and pumps industry. We have a longstanding relationship with Grundfos (a leading Scandinavian supplier of water pumps) testing several of their products. The machines we have built test, for example: Different types of water armatures and pumps and relating components, fire extinguishers, and water heaters etc.





Description of procedure:

- 1. The part to be tested is manually or automatically loaded in the test chamber and is connected with the fixture.
- 2. The test chamber is then closed.
- 3. Then we pressurize the test part to specified pressure. If we do not reach the pressure in a specific time it is declared as having a "Gross leak".
- 4. Then we stabilize. The stabilization time is dependent on the volume and the pressure.
- 5. Next is the measuring sequence. The measurement time is dependent on the leak rate.
- 6. If the test is ok, we evacuate the product and open the fixture.
- 7. If there was a leak with a manual system, the chamber will stay closed until the operator has pressed the reset button. If the system is automatic the machines separates leaking products from not leaking ones.
- 8. All machines that Nolek produce have adjustable calibrated leak. This can be operated automatically.

