

Pump EOLT



About

Pumps are used in many applications and supply systems with media such as oil or water. The HAHN Automation Group End-of-Line test systems support you in ensuring reliable long term function and operation within narrow tolerance ranges. From prototyping to series production, HAHN Automation Group realizes test systems specifically according to customer requirements. Thanks to a modular concept, HAHN Automation Group is capable of designing End-of-Line test systems for any type of pump.



In cooperation with our customers we design the optimal test scenarios.



We build the test stand with state-of-the-art equipment and focus on reliability.



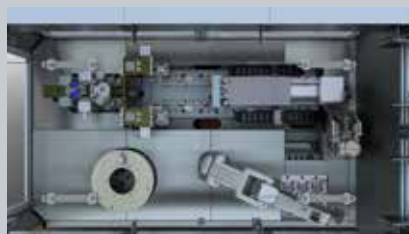
We automate and combine processes to reduce the time for each test cycle.

Turn-Key Solution



- One single source
- Modular concept design
- Manual to fully automated operation

Customized Solution



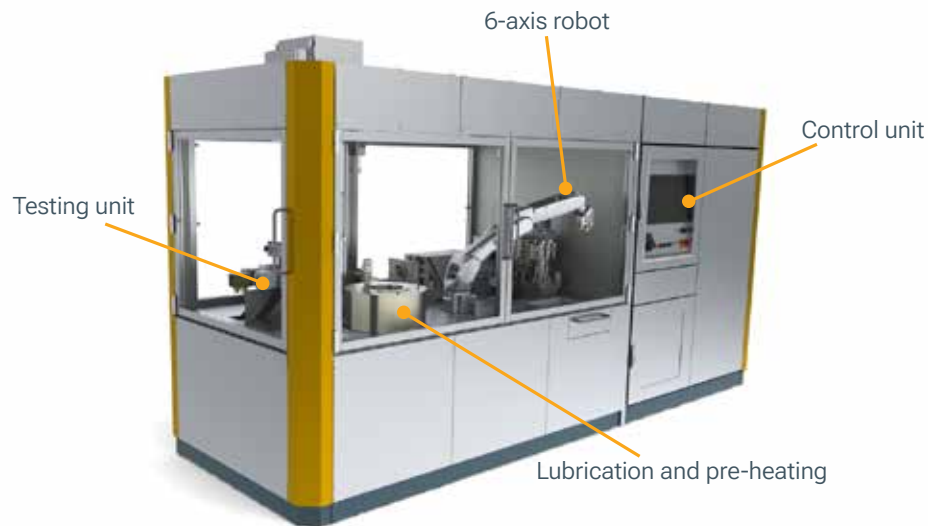
- Product specific tests
- For all types of pumps
- Adaptable for variants

Operation and Service



- Worldwide service support
- Retrofits and upgrades
- Product specific fixtures
- Optimizations

Overview



Scope of Possible Tests

Mechanical properties

- Leak test: Housing

Optical properties

- Tags/sticker/labels
- Damages
- Correct assembly

Electrical properties

- Insulation test

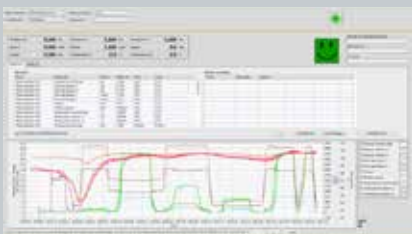
Functional tests

- Flow rate
- Pressure
- Electronics
- Structure-borne sound

Performance tests

- Speed
- Torque

HAHN Testing Software



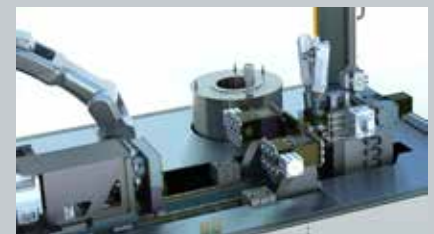
- Easy-to-use user interface
- No-code programming
- Modular software platform
- Based on LabVIEW®
- Traceability concepts

Media Conditioning



- Tempering and cleaning
- For oil, water or glycol
- 15 to 120 degree (+/- 0,5)
- Tank scalable up to 600l
- Media recovery circuit

Testing Unit



- Fully automated testing
- Easy product changeover
- Lubrication and pre-heating
- Fast changeovers
- Generous access