

**Technology x Enthusiasm = Performance**

## Thermomanagement

**PTS-Prüftechnik GmbH** is internationally active in the fields of vehicle development, testing, engineering and consulting with more than 200 employees. At its headquarters in Waldstetten near Schwäbisch Gmünd, the company has 3 locations, further branches are located in Remshalden, Fellbach, Kreut near Ingolstadt and Wolfsburg.

**The company is divided into seven business segments:**

- Engineering
- Testing on test rigs
- Simulation
- Cooling circuit development
- Vehicle testing
- Vehicle technology
- Test bench technology



Deutsche  
Akkreditierungsstelle  
D-PL-21096-01-00

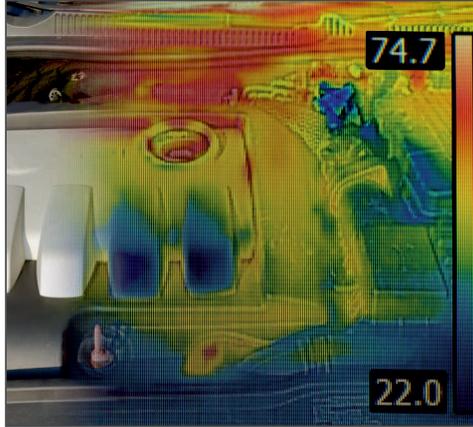
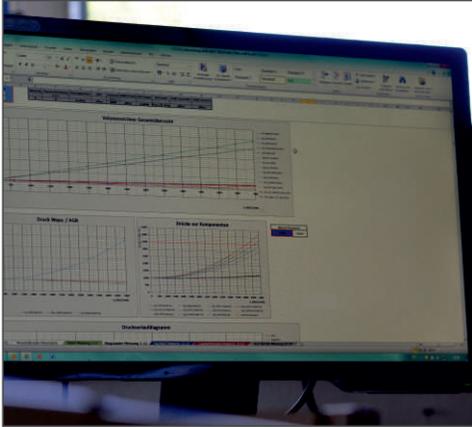
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### PTS-Prüftechnik GmbH

**COMMUNICATION**  
☎ +49 7171 / 9080 071  
☎ +49 7171 / 9080 073  
✉ [info@pts-prueftechnik.de](mailto:info@pts-prueftechnik.de)

**POSTAL ADDRESS+WEB**  
Bettringer Strasse 42  
D - 73550 Waldstetten  
[www.pts-prueftechnik.de](http://www.pts-prueftechnik.de)





## Thermomanagement

Intelligent thermal management in vehicles is becoming **more and more important** and increasingly complex.

In addition, today's vehicle models demand ever **more powerful cooling systems**. While conventional vehicles focus on optimum engine cooling, compliance with emission regulations and ensuring driving comfort, **electric and hybrid vehicles**, for example, are much more difficult to optimize range.

Due to our many years of experience, our know-how and our goal-oriented way of working, our customers entrust us with these complex thermal management tasks.

By means of our **systematic procedure**, from the first interpretation of the cooling circuit, to simulation, to system integration and comprehensive testing (test rig, wind tunnel, real drive), we master these tasks and **ensure our partners optimum thermal management**. In particular, we rely on test benches, including **transparent components**, for the detailed investigation of ventilation behavior and coolant flows in order **to ensure a cost- and time-efficient development process**. The following list shows the most important benefits of the PTS method for our customers.

- Development steps are reduced to a minimum
- Important knowledge gains before tool release
- Efficient project implementation through interdisciplinary networking
- Consideration of all key variables for each development step
- Cost optimization due to well thought-out process steps
- Problem-solving competence due to many years of experience
- Comprehensive experience and know-how from all core competencies



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## Facing the future together with PTS-Prüftechnik!

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