



THERMAL SYSTEMS

5G

Fast future

Your partner for 5G technology

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»» SMARTPHONE »» NETWORK COVERAGE »» AUTONOMOUS DRIVING »» INDUSTRY 4.0 »»



Your partner for process solutions 5G technology

5G plays a fundamental role in the future digitalisation of many areas of life. Whether autonomous driving, the use of mobile devices or networking in industry and communication: the mobile communications standard 5G creates new opportunities, but also challenges for the production of electronic components.

When it comes to the production of high-performance electronics, transmission masts, smartphones or electrical drive units, our customers rely on the experience of Rehm Thermal Systems.

Bonding, sealing, protecting, drying, curing, reflow soldering, deoxidation, testing and inspection: We offer innovative solutions and technologies for your individual requirements and beyond and are your partner for the joint path to the 5G future.

- › **7000**
Production machines in the field
- › **600**
Creative minds for your requirements
- › **30**
Years as a technology leader
- › **8**
Process areas for your technology

WITH THE RIGHT SYSTEM INTO A FAST FUTURE

Thermal processes with or without vacuum

Reliable connections for high-mass components

- › High heat transfer
- › Large masses
- › Small delta T
- › Process reliability
- › Void-free soldering



Condenso | Vapor Phase Soldering

Soldering of electronic assemblies with vacuum for void reduction

- › Lower operating temperatures
- › Better heat transfer
- › Extended service life



VisionXP+ Vac | Convection Soldering

The 3-in-1 solution for safe soldering processes – even with complex boards

- › Efficient heating of high thermal masses
- › Safe process design
- › High flexibility in profiling



TripleX | Convection Soldering

Material application and drying | Curing

Different material application methods

- › Bonding, dispensing and potting
- › Selective Conformal Coating
- › 3D Filling
- › Micro-dispensing
- › Bonding of SMD components
- › Underfill



Protecto | Coating