



THERMAL SYSTEMS

# Detect and Protect

Your partner for defense and security

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>>> RADAR TECHNOLOGY >>> DEFENSE SYSTEMS >>> AEROSPACE >>> SECURITY APPLICATIONS



# Your partner for Defense and security

As a technology leader in thermal system solutions for the electronics industry, we are a global partner in high-tech equipment for the defense and security sector.

When it comes to manufacturing defense and security electronics as well as high-performance electronics for communication or surveillance technologies, our customers rely on Rehm's experience. With our innovative solutions in the areas of bonding, sealing, protecting, drying, curing, reflow soldering, deoxidation, testing and inspection, we offer technologies for your individual requirements and beyond.

Whether automation, cluster solutions or traceability - Rehm is your partner for the common path.

- > **7000**  
Production machines in the field
- > **600**  
creative minds for your requirements
- > **30**  
Years technology leader
- > **8**  
Process areas for your technology

## WITH THE RIGHT SYSTEM FOR A SECURE 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 | Condensation soldering

#### Soldering of electronic assemblies with vacuum for void reduction

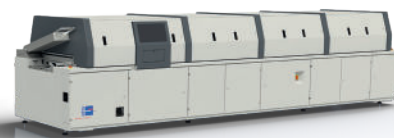
- > Lower operating temperatures
- > Better heat transfer
- > Prolonged service life



VisionXP+ Vac | Convection soldering

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

- > Efficient heating of high thermal masses
- > Safe process design
- > High flexibility for profiling



TripleX | Convection soldering

### Material application and drying | Curing

#### Various material application methods

- > Bonding, dispensing and potting
- > Selective conformal coating
- > 3D Filling
- > Micro-dispensing
- > Bonding of SMD components
- > Underfill



Protecto | Coating

RDS UV | Drying/curing