



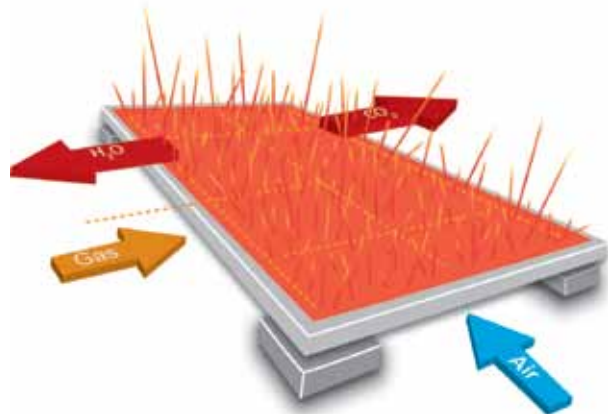
Gascatalytical Infrared Testcenter

Practically-based Support

Infrared heat transfers energy and generates heat where it is needed. PLC controlled gas catalytical infrared ovens are precisely designed to match the thermal process application. This saves energy, improves process stability and increases capacity and quality. The process time can be reduced by up to 66% and the required space by up to 50% when compared to conventional systems.

With our Application Center we offer all our customers the opportunity to answer important questions, from a practical viewpoint.

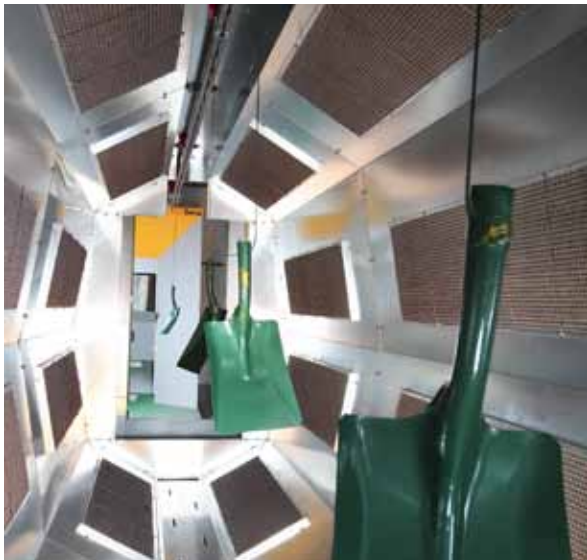
Competent, technically experienced employees carry out and monitor the tests.





- Customers can bring along their own parts and coatings for trials
- Facility for powder or wet spray
- Ability to handle parts up to 800mm wide x 1500mm high
- Oven equipped with 16 off gas catalytic panels
- 20-100% regulation of gas over 8 independently controllable zones
- Full temperature monitoring of substrate temperature via data logger
- Engineering consultation
- Combination trial possible with electric IR

Benefits of the Gas Cat Systems for the Finishing Industry



- Pre heat or curing times are typically 1/3rd of those required by a convection oven
- Energy savings of up to 50%
- Reduced footprint to free up valuable factory space
- Minimal air movement within system eliminates contamination between different colour batches
- No poisonous gasses (NOx or VOCs) produced.
- Flameless reaction resulting in production of water CO2 and heat
- Wavelength of gas cat ideally suited to absorption characteristics of powder
- Low maintenance system

Any further question? You would like to do tests? Just contact us!

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Abweichungen von in diesem Prospekt wiedergegebenen
Abbildungen und technischen Daten bleiben vorbehalten.