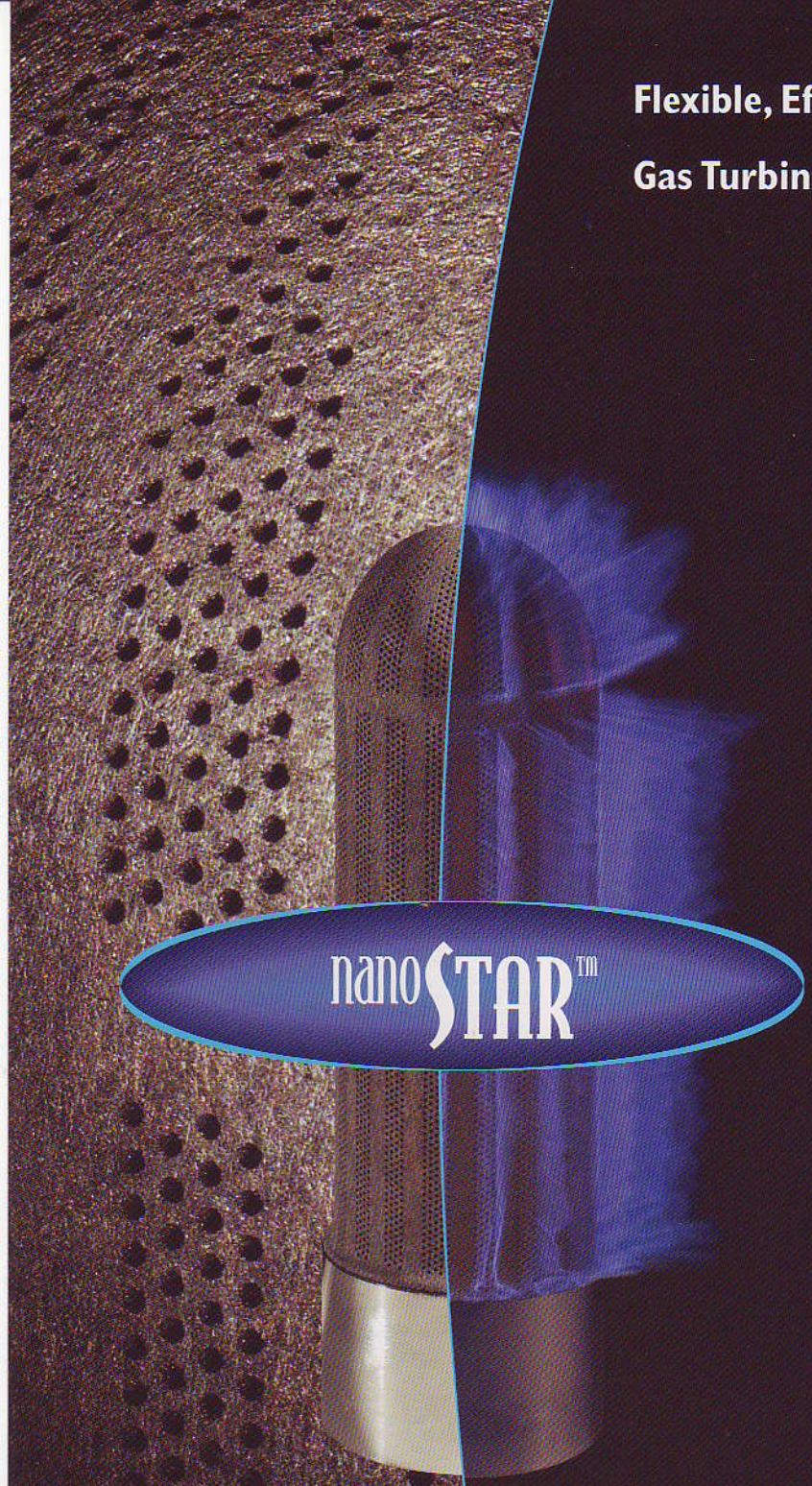
Flexible, Effective, and Ultra-Low NO_x Gas Turbine Combustion Technology

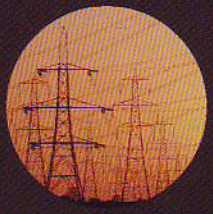


ALZETA

The source for innovative, market-leading combustion technologies for over 20 years is ready to meet the low emissions challenge for gas turbines. nanoSTAR,™ our new ultra-low NO_x injector technology, eclipses the competition with low emissions performance without compromise!

- Flexible low NO_x performance from 15 ppm down to 2.5 ppm
- Reliable operation with low CO and no combustion dynamics or noise
- Cost-effective and easy to implement with only minor modifications required for standard turbine packages

ALZETA's nanoSTAR combustion technology delivers down to 2.5 ppm NO_x for natural gas-fired industrial gas turbines used for mechanical drive and power generation applications up to 60 MW.



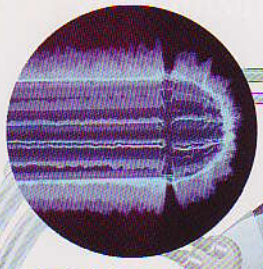
ALZETA CORPORATION

nanoSTAR™

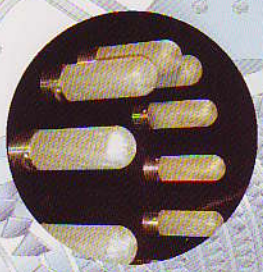
Ultra-Low NOx Gas Turbine Combustion Technology

ALZETA's nanoSTAR™ technology is easily adapted to all standard combustor design configurations with only minor modifications:

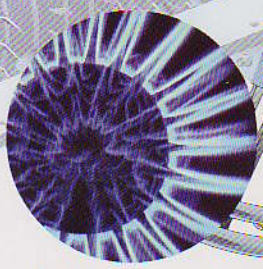
- Annular combustion liners
- Can annular
- Combustion can



Fired injector — side view



nanoSTAR injectors — annular combustion liner array



Fired injector — end view

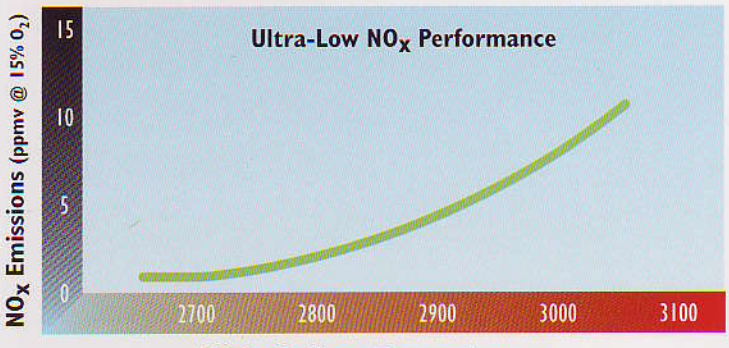
Compact fuel/air mixer for ultra-lean combustion

Annular combustion liner

Combustion liner outlet — uniform temperature distribution and no combustion dynamics for longer turbine life

Combustion section — only minor modifications required for most turbine designs (annular combustion liner shown above)

nanoSTAR injectors — field serviceable and easily replaceable



ALZETA's nanoSTAR combustion technology delivers low emissions across a broad operating range. This provides greater flexibility in maintaining low emissions performance from full load down to part load operation and independent of fuel quality variability. In addition, nanoSTAR's surface-stabilized, premix operation eliminates combustion dynamics and noise, ensuring stable combustion and low CO emissions at very low adiabatic flame temperatures. nanoSTAR combustion technology is the affordable solution for turbine operators complying with a wide range of emissions regulations from 15 ppm down to 2.5 ppm.

ALZETA CORPORATION

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