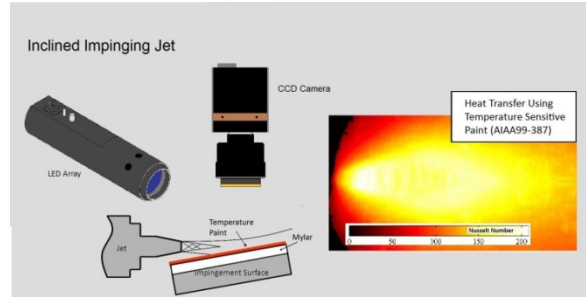


UniTemp Temperature Sensitive Paint

(Product ID: UNT-XXX)

UniTemp is a single-luminophore, single application temperature sensitive paint. The TSP may be applied to most surfaces, but a screen layer such as SCR or FB is recommended for plastics and rapid prototyping resins to protect the surface from solvent damage. A desirable feature of UniTemp is ease of application. Simply shake the can and spray the surface. The result is a single coat application paint that may be applied directly to most materials. UniTemp is an effective quantitative TSP. It is also effective in compensating for errors due to model displacement and deformation. UniTemp is recommended for both advanced TSP users who seek quantitative data and users who seek to gain experience with temperature sensitive paints.

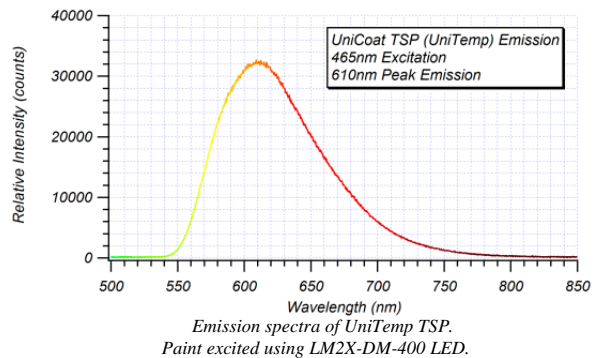
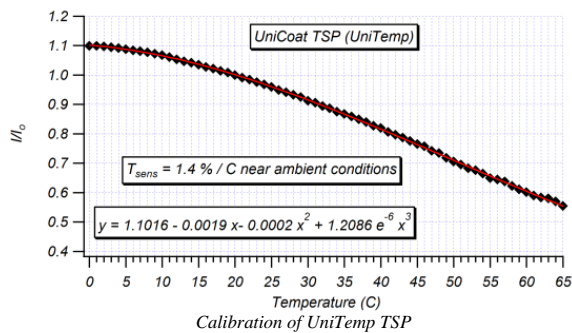


Heat Transfer measurements on the impingement surface of and under-expanded sonic jet impinging at an inclined angle using Temperature Sensitive Paint.

SPECIFICATIONS

Pressure sensitivity	0% per kPa
Pressure range	1-kPa to 10-MPa
Temperature sensitivity	1.4 % per °C
Temperature range	10°C to 80°C
Response time	750-ms
Excitation	380-nm to 520-nm
Emission	500-nm to 720-nm
Photo-degradation rate	1% per hour
Shelf life	12-months
ECCN	EAR99

Available Quantities: 12-oz aerosol can (UNT-12), 200-, 400- & 750-ml jar (UNT-200, UNT-400, UNT-750)



Innovative Scientific Solutions, Inc.
7610 McEwen Road, Dayton, OH 45459
Phone (937) 630-3012 Fax (937) 630-3015

email: spalluconi@innsi.com
web: www.psp-tsp.com

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