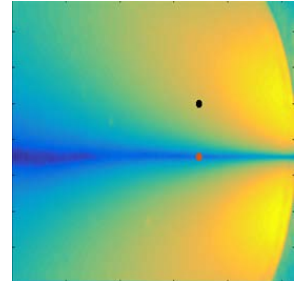


TurboFIB™ Pressure Sensitive Paint

(Product ID: TF-XXX)

TurboFIB™ pressure sensitive paint (PSP) is a single-luminophore, single application PSP formulated to be applied with paint spraying equipment. TurboFIB™ provides many of the advantages of UniFIB® PSP, but with faster response (1 kHz) and reduced temperature sensitivity. This paint formulation may be excited effectively from 380-nm to 550-nm, however, 400-nm radiation from ISSI 400-nm LED modules is recommended. The paint may be applied to most surfaces, though it is recommended that plastics and rapid prototyping resins first be coated with SCR-XXX (Screen layer) or FB-XXX (FIB Basecoat™) to protect the surface from solvent damage. The calibration of TurboFIB™ (shown below) is very stable and repeatable thus TurboFIB™ is recommended for advanced/professional PSP users who seek high quality data. Paint is sold in quantities of 200-ml, 400-ml and 750-ml. Custom quantities are available upon request. Surface coverage is approximately 1 m² per liter.



Mean Spectra on Fluidic Oscillating Nozzle Output using TurboFIB™ PSP

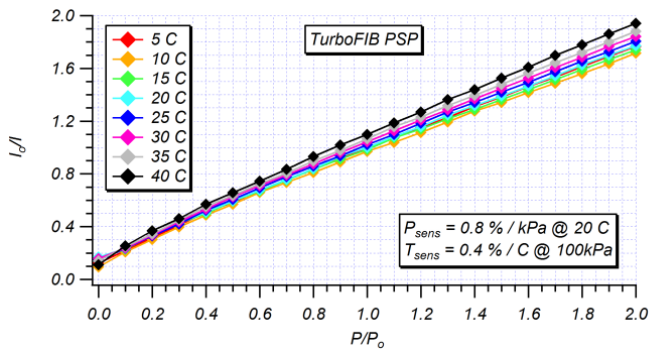
SPECIFICATIONS

Pressure sensitivity	0.8% per kPa
Pressure range	0-kPa to 200-kPa
Temperature sensitivity	0.4% per °C
Temperature range	0°C to 50°C
Response time	<1-ms
Excitation	380-nm to 550-nm (400-nm ideal)
Emission	620-nm to 750-nm
Shelf life	12-months
Filter	610-nm
ECCN	EAR99

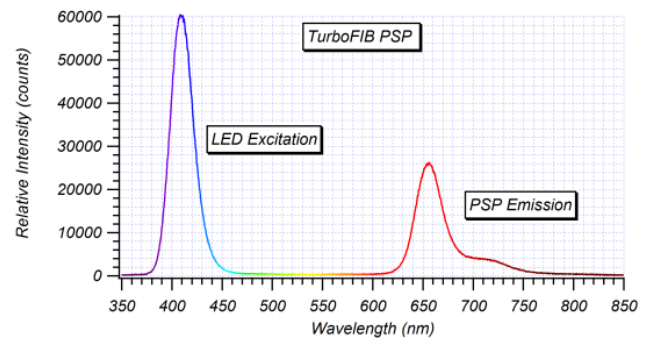


TurboFIB

Available quantities: 200-, 400-, 750-ml



Calibration



Spectral Response

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Phone (937) 630-3012 Fax (937) 630-3015

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