

~ For sugar/beverage manufacturing plants ~

Inline Quartz UV Disinfection System for Opaque Liquids NWST Series

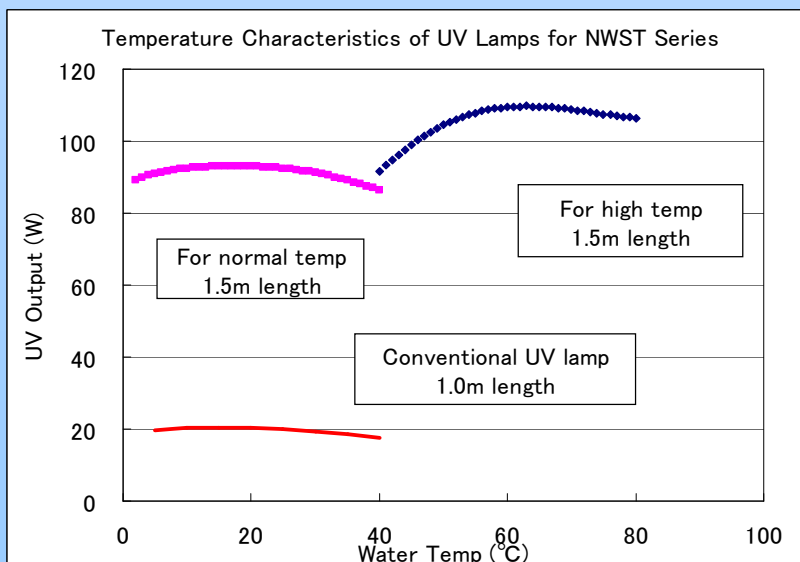
■ Features of NWST series

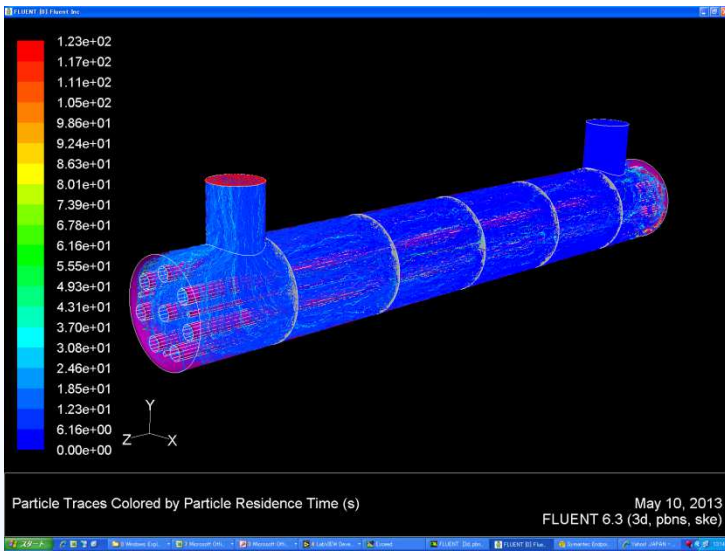
- 1) High UV dose achievable with very low UV transmittances.
- 2) No change in disinfection performance with high temperatures (Max. 80C).
- 3) Designed for optimum fluid flow by fully utilizing the state-of-the-art CFD simulation.



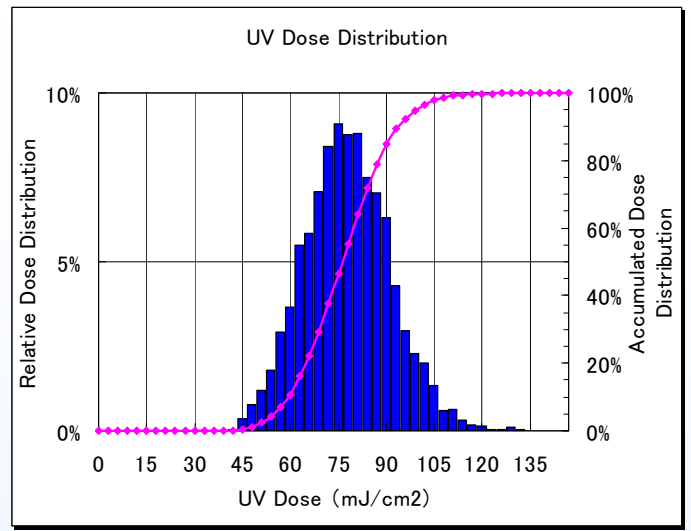
■ Applications

- 1) Bacterial control at fine liquor manufacturing lines of sugar refineries.
- 2) Inline disinfection of sugar syrup at beverage factories.





[CFD Simulation (NWST8)]



[Distribution of UV Dose (NWST8)]

■ Specification

Model	Electrical Supply	Flange Size (JIS)	UV Chamber Dimensions (mm)	Operating Power (kW)
NWST4	00V 50/60Hz	50A	W350/D1700/H350	1.6
NWST8	200V 50/60Hz	80A	W400/D1700/H400	3.1
NWST20	200V 50/60Hz	100A	W450/D1700/H450	7.3
NWST40	200V 50/60Hz	125A	W500/D1700/H500	14.6

*Max. Pressure: 1.0MPa **For indoor use ***Power supply voltage can be adjusted

■ Notes

- 1) Inlet/outlet nozzles face upward or sideways.
- 2) Proper model selection depends upon UV transmittance, liquid temperature, flow, rate, and disinfection target.
- 3) For indoor use only. Please consult with us for surrounding environment at installation.
- 4) Optional mounting frames.

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