



HISPEC XA1

The HiSpec XA1 doses dicing surfactant directly into a dicing saw or it's incoming DI water line. Designed for cost effective and easy use, the XA1 is your solution for reliable dicing surfactant dosing.

- Robust, clean room ready design.
- Accommodates a single surfactant dosing pump.
- Surfactant supply direct from 1 gallon or 5 gallon containers.
- Stroke rate and stroke length control.
- Sensors monitor DIW and Surfactant supply.
- Emergency shutoff capabilities.



Dimension	Dimension with pump	550mm (L) x 400mm (W) x 800mm (H)
Dosing	Flow Rate	Min: 1ml/min (0.02 GPH) Max: 33ml/min (0.53 GPH)
	CC per Stroke:	Min: 0.06ml/stroke (0.095 GPH) Max: 0.19ml/stroke (0.052 GPH)
	Stroke Speed	Stroke Speed: Min: 18 strokes/min Max: 180 strokes/min
Injector Material	Enclosure:	Fully welded with 10mm Polypropylene (PP), Natural PP
	Hinges / Handles	Nylon
	Tubing:	Nylon
	Internal Fittings	SS304/SS316 Push-in fitting, SS304/SS316
	Internal Piping:	Sch80 UPVC Pipe, Joint with Low VOC glue
Connectivity and Control:	Input Voltage:	Switchable Power Supply: 100VAC or 220VAC, 50/60Hz single phase, 8 Amps
	Flow Meter:	Flow meter to check the incoming DI water.
	Flow Switch:	Monitor DI water flow to detect its presence or absence. If the flow stops, it auto shut down the pump.
	Level Sensor:	The sensor will automatically stop if low supply level
	Static Mixer:	Efficiently mix the surfactant with DI water, creating a uniform solution.
	Hose Connections	Connections matched to customer facility hoses
Safety Features:	Emergency Shutoff:	Manual and automatic shutoff capabilities