

## **TECHARMONIC BEGINS SHIPMENT OF MONSOON COMPACT WATER SCRUBBER**

### ***Latest generation water scrubber reduces water usage up to 98% in a very compact design***

SAN JOSE, Ca. 15 June 2011 – TecHarmonic, the leader in innovative exhaust abatement technology, has introduced the Monsoon water scrubber. The Monsoon's novel design provides very low water usage through its batch style operation and on-board pH control capability.

The compact design, roughly the size of a dishwasher, provides a full 2-meter effective scrubbing gas path with its wrap-around design. In its batch operation mode, chemicals are added as needed to maintain a set pH as the water circulates in the Monsoon for a predetermined time period, then the sump discharges and refills. This operating mode typically reduces fresh water usage to 2 gallons/hour, a reduction of up to 100 times compared to conventional water scrubbers.

"The Monsoon water scrubber has been very well received by our customer base" noted Bill Delaney, President and CEO of TecHarmonic. "With the Monsoon's very long gas path and pH controlled environment, we are able to offer excellent scrubbing efficiencies with the lowest possible water usage. We achieve our scrubbing efficiencies using around 2 gallons per hour, while others may use up to 3 gallons per minute and still not match our scrubbing performance."

The Monsoon is the latest in TecHarmonic's water scrubber line up and sets a new bar for minimum water usage and scrubbing efficiency. Water scrubbers are traditionally used on acid gas etch and some CVD processes, like epi. Some customers use the Monsoon on wet bench applications to isolate bath fumes that would otherwise react in their common exhaust duct and create unnecessary maintenance.

A range of inlet accessories are available to extend PM cycle times for tough processes, like metal etch.

About TecHarmonic Inc.

TecHarmonic, located in San Jose CA, is a leading provider of a full range of exhaust gas abatement solutions for the semiconductor, solar, LED, nano-science and materials research and development markets in commercial, government and university facilities. The company's dry resin, wet and thermal/wet scrubber products allow customers to achieve environmental regulatory and safety compliance by effectively abating difficult process chemistries at lowest total cost. For additional information about TecHarmonic, please visit [www.techarmonic.com](http://www.techarmonic.com).

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