



## IONBENCH

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Pittcon® 2012 **Booth No. : 3510**

**HEADLINE:** New IonBench Furniture for Mass Spectrometers Introduced at Pittcon 2012

**Orlando, FL - -** Pittcon 2012 will be the first North American introduction of the expanded line of IonBench™ furniture for mass spectrometers.



IonBench – email : [contact@ionbench.com](mailto:contact@ionbench.com) Internet : [www.ionbench.com](http://www.ionbench.com) Phone : + 1 617 517 3053

IonBenchlab benches integrate mass spectrometer peripherals, include a built-in vacuum pump enclosure to decrease noise by 75%, and protect turbomolecular pumps by reducing vibration by 99%.

“IonBench is ideal for the efficient mass spectrometry lab,” said Pieter DeKocker of IonBench. “We diminish the space requirement for a system, significantly reduce vacuum pump noise, and shield the turbomolecular pump from vibration.”

The initial model of IonBench has been available in North America since June 2011. Three new models will be introduced at Pittcon to expand the IonBench product line to accommodate more models of mass spectrometers. IonBench products may be seen at Booth 3510.

IonBench mass spec benches are compatible with all major mass spectrometry brands, including Agilent, AB Sciex, Bruker, JEOL, LECO, Perkin Elmer, Shimadzu, Thermo Scientific, Waters, and more.

“Mass spectrometers have a significant assortment of peripherals,” continued DeKocker. “Many have two vacuum pumps; LC/MS have waste reservoirs; and there is always an assortment of sources, tools, samples, and other bits and pieces that can easily spread and thus clutter a work area. The result is lack of productivity and in some cases, a safety hazard.”

By integrating system peripherals into IonBench there is up to 30% savings in laboratory space allocation. Solidly built lockable casters simplify moving the system in order to get access to the rear of the instrument. The IonBench work surface is wide enough to allow placement of small items such as tools, samples, etc., in front of the mass spectrometer rather than on top or on a side cart. The IonBench cabinet accommodates up to two vacuum pumps under the instrument. The mass spectrometer control

computer and flat screen monitor can be attached conveniently and without additional footprint.

Mass spectrometers are noisy. Noisy vacuum pumps can generate up to 60 dbA volume of noise, an uncomfortable and stress inducing work environment. IonBench reduces noise emissions by 75%.

One issue that is not addressed by conventional lab furniture for mass spectrometers is the vibration translated by the vacuum pump toward the mass spectrometer. Excessive vibration reduces the performance and lifetime of turbomolecular pumps inside the mass spectrometer, and thus diminishes performance and hastens costly repairs. The IonBench solution is to apply patented coil spring based vibration dampeners that reduce vibration by 99%.

IonBench may be found on the web at [www.ionbench.com](http://www.ionbench.com) . IonBench is distributed on line in North America via its dedicated web site [www.quietbench.com](http://www.quietbench.com), one of the sites owned and managed by FarHawk Marketing Services.

## **About IonBench**

IonBench, founded in 2010, is focused on the manufacture of laboratory furniture to improve laboratory working conditions and productivity. The company is located in Joigny, France.