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Innovation

May 29, 2002

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Ultrasound Water Treatment?

By Chemical Week Editorial Staff

Scientists from Ohio State University (Columbus) say they have developed a technique to use ultrasound to clean ceramic water filters, making them efficient enough to replace chemical methods in municipal water treatment. Ultrasound causes the formation of tiny bubbles in water, which release energy when they burst, leading to the formation of tiny, powerful jets of water that clean the filters quickly and cheaply, the scientists say.

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