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News Release from: **Industrial Tomography Systems** | Subject: **Industrial Tomography Systems**

Edited by the Engineeringtalk Editorial Team on 27 January 2003

## Problems with plugged filters?

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**Industrial Tomography Systems of Manchester is looking for companies that are experiencing problems with pressure filtration that are proving hard to solve.**

Industrial Tomography Systems of Manchester is looking for companies that are experiencing problems with pressure filtration that are proving hard to solve. The company is half-way through a four-year Government-funded LINK project to prove its technology on pressure filters at commercial scale.

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Most pressure filters do not incorporate instrumentation.

*This article was originally published on Engineeringtalk on 24 Jan 2003 at 8:00am (UK)*

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Tomography actually allows users to see what's going on inside.

Naturally, armed with this knowledge, users can make changes, watch the effect they have and improve filtration performance substantially.

In this project, which is supported by filter manufacturer Rosenmund, leading bioprocessing company Syngenta and UMIST, the value of the technology has been proven in two trials.

But it needs a third to complete the study.

The benefits of the project revealed so far, according to ITS, are opportunities to improve yield and quality, reduced use of raw materials like wash solvent, safer operation due to less need for sampling, and reduced capital cost because optimising means that you can use a smaller pressure filter than you thought.

The technology really works: Syngenta has been testing it thoroughly on a chosen manufacturing process involving a flammable atmosphere and use of PTFE and Hastelloy parts to counter aggressive media.

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