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Superscanner helps scientists see into the unknown

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Researchers at The University of Nottingham have a new weapon in their arsenal of tools to push back the boundaries of science, engineering, veterinary medicine and archaeology.

From soils and sediments, to chunks of pavement, archaeological remains and chocolate bars... the Nanotom, the most advanced 3D X-ray micro Computed Tomography (CT) scanner in the world, will help scientists from a wide variety of departments across the University literally see through solids. The machine will make previously difficult and laborious research much easier as it allows researchers to probe inside objects without having to break into them.

The Nanotom has been supplied by GE Sensing and Inspection Technologies as part of a new project in the School of Biosciences to scan soil samples for research into soil- plant interactions. But it's also an interdisciplinary piece of kit which will be used by other Schools for a wide variety of projects.

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Story Credits

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