

5th Dimensional X-ray Computed Tomography Conference

17th-19th May 2021
National Physical Laboratory



Delegate Challenge

An open invitation to all participating delegates at the forthcoming dXCT Conference 2021 to enter the Delegate Challenge:

Using XCT perform a scan of a typical pocket size bottle of hand sanitiser (see image for an example) with a voxel size of not less than 0.125mm and use this data to measure the volume of fluid contained within it, along with the dimensions (mean diameter and depth) of the dispensing orifice in the cap. Having captured this information; explain how you have verified the dimensions and volume measurement and derived tolerances for them and present your results in a single PowerPoint slide or PDF to be submitted to the conference organisers by e-mail (adam.thompson@nottingham.ac.uk) before 17:00 (GMT) Friday 14th May 2021.

A prize, in the form of gift vouchers, is on offer to the best reasoned and presented results, as voted for by the conference attendees and will be awarded at the end of the conference on the 19th May 2021.



Typical Pocket Sized Bottle of Hand Sanitiser