

(54) Title of the invention : BRASS INOCULATING LOOP FOR BACTERIOLOGICAL INOCULATION

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(57) Abstract :

The present disclosure presents a brass inoculation loop device (100) as an innovative tool for microbiological culture transfer procedures. It combines the thermal conductivity and inherent disinfection properties of brass, as the inoculation loop device (100) offers enhanced efficiency and reliability in laboratory settings. The inoculation loop device (100) comprises a triangular head (108) and handle (102) for grip and control during sample manipulation. The brass inoculation loop device (100) exhibits rapid heating and cooling capabilities to facilitate quick sterilization between streaking procedures, minimizing downtime and improving workflow efficiency. Additionally, the inoculation loop device (100) comprises natural antimicrobial properties reducing the risk of cross-contamination, enhancing the accuracy of experimental results. The brass inoculation loop device (108) is compatible with various sterilization methods, making it an indispensable instrument for microbiologists in research, clinical, and educational laboratories.

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