

LabTech Systems Ltd (ACN 107 670 673)

NSX COMPANY ANNOUNCEMENT

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MicroStreak™ Technology: Prototype Robotic Developed

LabTech Systems has successfully completed the development of a prototype robotic instrument that incorporates its patented MicroStreak technology for the automated inoculation and streaking of specimens on to standard agar culture plates.

Clinical testing of the MicroStreak applicator and prototype robotic system has been completed and proof of principle of the invention has been established. The quality of results exceeds traditional techniques for microbial colony isolation. The fast sample time achieved for inoculation and spreading has confirmed the commercial potential of the MicroStreak applicator.

Diagnostic microbiology is a discipline which has traditionally used minimal work process automation. Current techniques for the isolation of microbial colonies are manual, time-consuming and labour-intensive. Traditionally, inoculation and streaking of specimens on to agar plates is performed manually using a wire loop.

MicroStreak is a patented new technology that will allow the automation of plate inoculation and streaking of specimens on to standard agar plates.

A global market opportunity exists for the automation of routine processing in diagnostic microbiology laboratories. LabTech Systems is now ready to commence the development of commercial systems for the automation of microbiology laboratory processing.