Case Study

Gurdon INSTITUTE

The Client

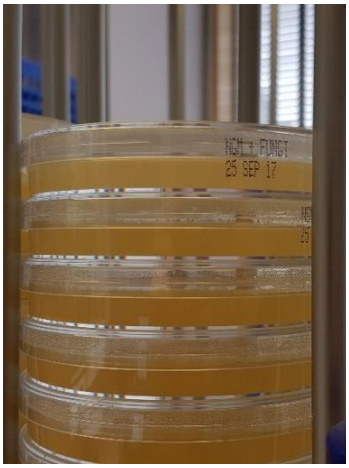
Named after their co-founder, Nobel Laureate Sir John Gurdon, the Gurdon Institute is a world-leading centre for research into the biology of development and how normal growth and maintenance go wrong in diseases such as cancer.

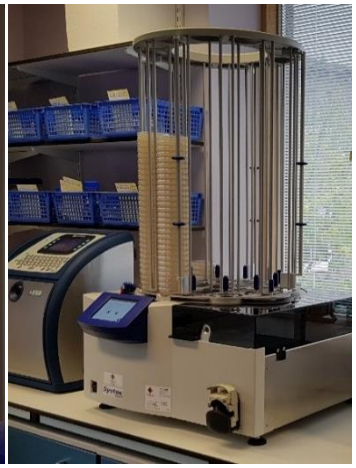
The Client's Needs

The Gurdon Institute was spending a lot of time manually pouring plates from bottles and drying them in a laminar flow. This took up a large amount of space and was very labour intensive. They also needed to manually mark on the plates what they were and the date they were made. The customer therefore required something to allow them to do this automatically.

The Solution

The customer did not want a Mediaprep as they use lots of different types of media rather than a lot of a single type, therefore they still wanted to use bottles. A Systec Mediafill with printer and SmartFAST Mini laminar flow was provided. The Mediafill can pour plates directly from bottles using its own built in peristaltic pump to accurately dispense the amount required. A built-in shaker function can be used to help distribute the media evenly across the surface of the plate and built in peltier cooling helps to solidify the agar more quickly. The SmartFAST Mini allowed the bottles to be open to put the tube in and keep them sterile at the same time. This mini version allowed them to save so much space as they only required it for the bottles. The printer on the Mediafill also automatically prints on each petri dish what is inside them and the date created, making it legible to anyone without having to resort to short hand codes. This whole solution allows the customer to walk away whilst the system is pouring plates, allowing them to get on with other tasks before switching bottles as and when required.





For further information, get in contact:

Tel: 01844 201142
Email: mailto:UK.Info@avidityscience.com
Web: https://www.avidityscience.com/en_gb/
Unit D4 Drakes Park,
Long Crendon Industrial Estate,
Long Crendon, Bucks. HP18 9BA

triplered part of AVIDITY Science