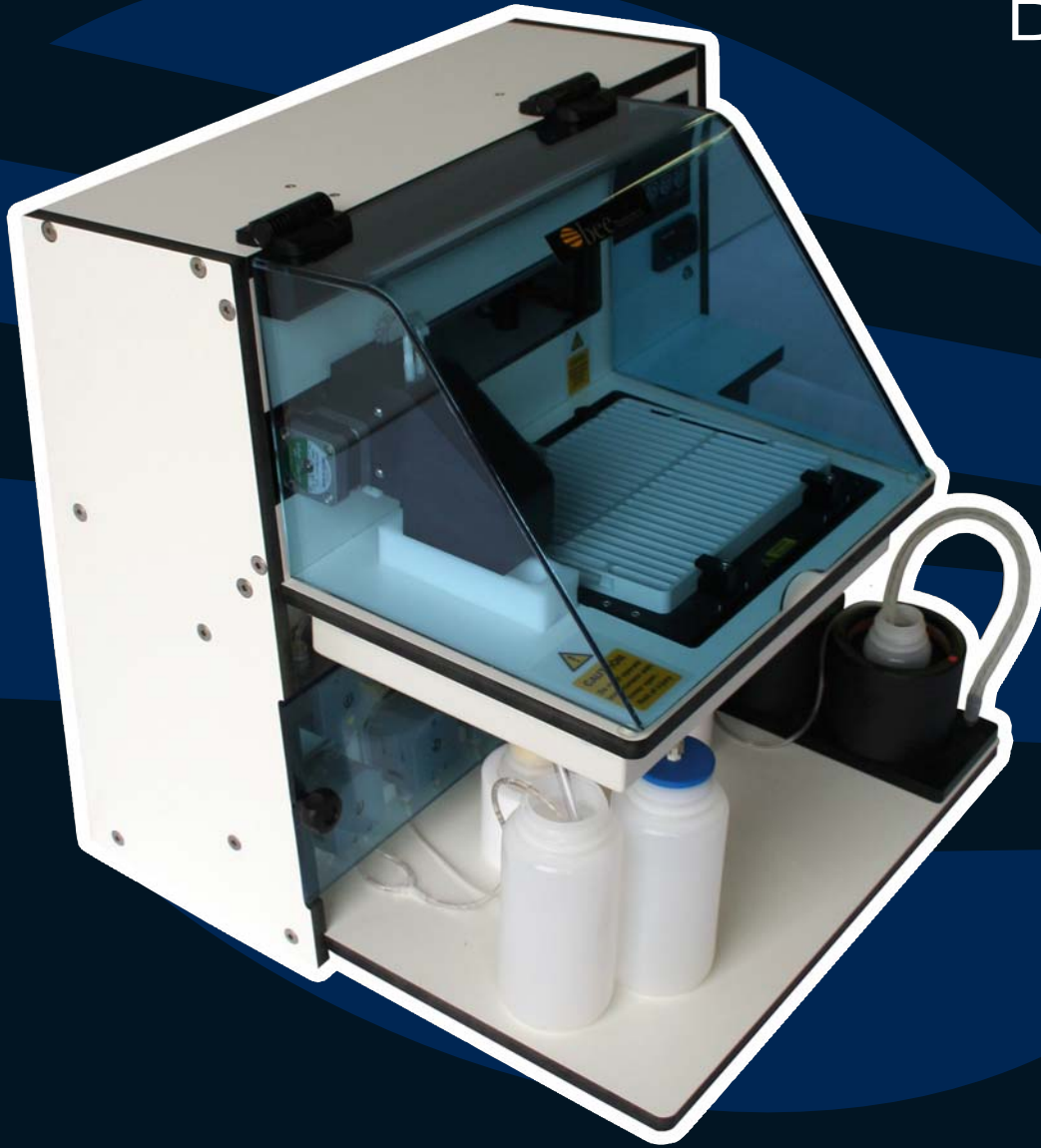
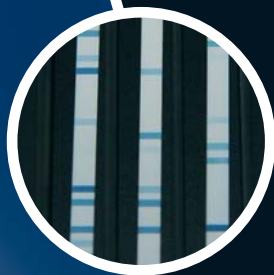


Bee20



Product Highlights

- Easy walk away system
- Reagent pre-heating option
- Reagent save feature
- Fully programmable
- Integral cooling fan
- Reusable trays



Automated washing and hybridisation steps of strip-based assays

Bee20

- Easy - walk away system
- Heating - reagent pre-heating option
- Suck Back - reagent save feature
- Flexible - fully programmable
- Cooling - integral cooling fan
- Reusable trays - custom trays available for different strip sizes

The Bee20 designed and manufactured by Bee Robotics Ltd. offers full automation of washing and hybridisation for strip based assays. The user-friendly software can be used to create your own assay protocols. Once the assay has been programmed, it can be uploaded from the PC to run from the instruments integral keypad. Up to 20 samples can be accommodated per run, with typical run times in the region of two and half hours, allowing up to three or more runs per day.

Precision stepper motors are used to move a dispensing arm above the tray wells, and up to six different reagents, with an option for an additional two reagents, can be delivered under software control. The reagents can be heated to a pre-determined temperature within the assay protocol, using a new and innovative non-water based heating system. An integral fan cools the tray after a heating step for the addition of ambient reagents, and a reagent save feature sucks back the reagent into the bottles after the last reagent dispense step. Up to two reagents can be pre-heated on board the instrument for a pre-determined time.

Colour coded tubing connectors are incorporated for ease of reagent location, and well-proven components are used throughout the instrument to ensure reliability and low maintenance.



SPECIFICATION

Capacity:	20 strips per run
Temperature Accuracy:	+/-1 degree centigrade
Power:	100-240v/50-60Hz
Dispensing Manifold:	6 reagent channels (optional additional 2 channels)
Temperature Controller:	PID Control
Dimensions:	490mm(w) x 480mm(d) x 500mm(h)
Weight:	35kg

Bee Robotics Ltd
Unit 32/33 Cibyn Industrial Estate
Caernarfon, Gwynedd
LL55 2BD
Tel: +44(0)1286 672 744
Fax: +44(0)1286 678 322
www.beeRobotics.com

