

PRACTICAL INNOVATION

Ziath

AUTOMATED HIGH-SPEED BARCODE APPLICATOR

Product ID – ZGP/RL-01



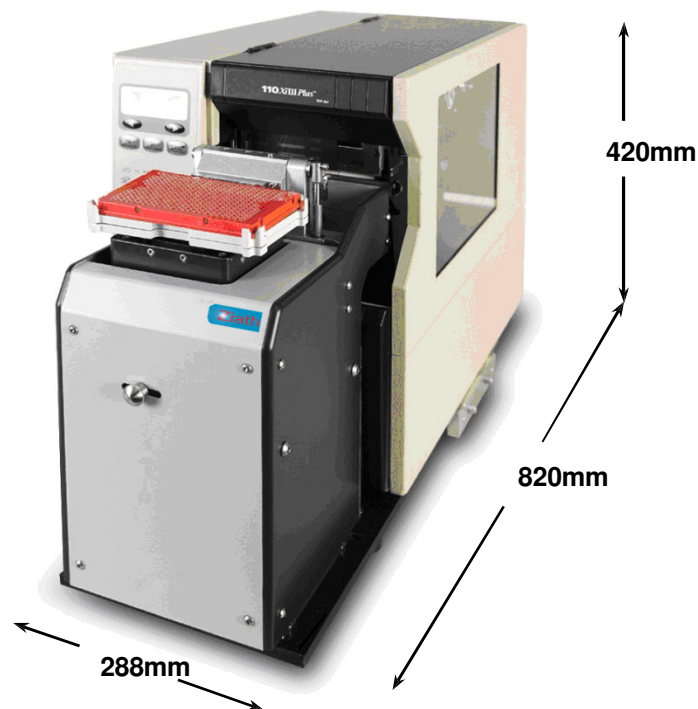
This is a print and apply barcode print system that has automated software driven barcode creation and application. System operation is designed to efficiently apply bar-coded labels to a micro well plate or tube rack surface etc...This can be on any of the four sides of the destination item and in any combination of the four side surfaces. The software is designed to allow the user to input a numeric sequence and quantity to be applied; this can be alpha numeric sequences with the inclusion of date and time. Alternatively the entire system can be integrated and run directly via a data input text file.

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System Specification

- Cycle time <2 seconds per label.
- Plate and label sensing.
- Printer resolution 300dpi or optional 600dpi supplied with system.
- Placement accuracy of +/- 0.25mm horizontally and vertically.
- Application to all four aspects of plate.
- Barcode inscription formats: numeric and human readable.
- Prints label sizes of 5mm to 12mm wide and 40mm to 75mm long.
- Label height placement selection.
- Label temperature range: -80 to 100°C.
- Can handle most micro well plates. Including PCR, deepwell and tube-racks.
- Full integration with Scorpion stacker for plate handling to print and apply system (optional).
- Can be integrated with OEM plate supply system.
- 110/250VAC 50/60 Hz.
- Easy Access for Robot Arms and Stacking Systems; drivers may apply in OEM use for integrators.
- RS232 connectivity.
- Control software supplied.

System Footprint



For more information please contact Ziath Ltd.

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