

# Assurance GDS<sup>®</sup> Automation

## Modular Automation

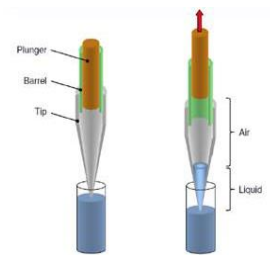
Assurance GDS<sup>®</sup> Automation has been designed to fit into existing lab workflows. Its modular format allows labs to automate the full Assurance GDS sample preparation or individual sample prep portions depending on lab requirements.

- No need to redesign the lab to fit large equipment, Assurance GDS PickPen<sup>®</sup> PIPETMAX (PPMX) is small enough to fit on a standard lab bench
- Instrument is operated via touchscreen tablet with all Assurance GDS protocols pre-programmed for simple set up
- Assurance GDS PPMX has bi-directional LIMS compatibility and is barcode enabled for added tracking of resources

## Exceptional Accuracy and Consistency

Assurance GDS Automation provides accurate pipetting and transfers, minimizing human error and excessive touch-points.

- Assurance GDS PPMX utilizes Air Displacement pipetting, which aids in drip prevention
- Instrument is programmed to follow an aseptic travel path thereby alleviating cross-contamination fears
- Manual tracking of runs is unnecessary, since comprehensive run reports containing all information are generated at the end of each protocol



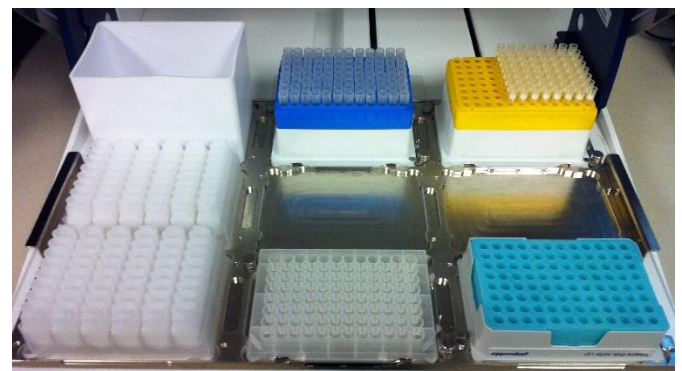
Enrichment



Sample Prep



PCR Analysis



## Unparalleled Safety

Advanced design of the Assurance GDS PPMX delivers improved process safety.

- Built-in sensor ensures that the instrument pauses when the cover is opened during a run, protecting users from moving parts



### Labor Time Reduction

Assurance GDS Automation mechanizes routine sample preparation, enabling skilled technicians to focus on other lab tasks.

- Saves up to 65% of manual labor time depending on sample number

### Cost Savings

Assurance GDS PPMX uses standard filter tips and reusable reagent reservoirs to keep disposable costs to a minimum.

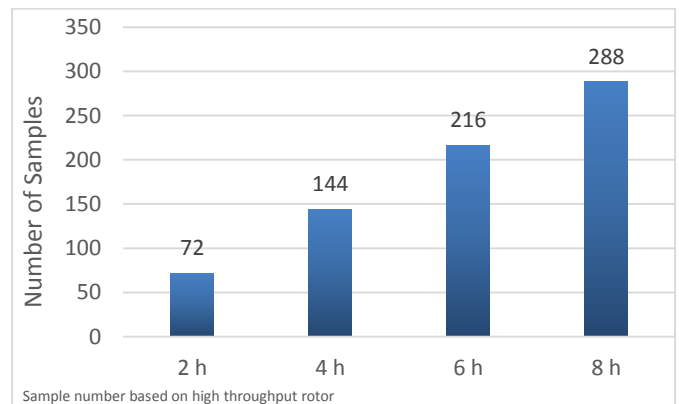
- Saves up to 65% of manual labor time depending on sample number
- Preventative maintenance is minor and does not require additional disposables

### Flexible Workflow

Assurance GDS PPMX is configured for optimal workflow versatility.

- Samples are easy to set up with the step by step wizard to guide users through run creation and loading

- Multiple reagent dispense options, including the ability to prepare reagents 24 hours in advance – ideal for sample batching
- Supports both the Assurance GDS Rotor-Gene® standard and high throughput rotors to customize throughput



**For More Information**  
Contact BioControl Systems

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