

I.DOT

Fast. Precise. Traceable.

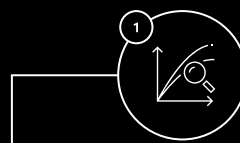
Non-contact Dispensers



I.DOT

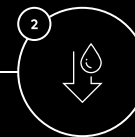
Latest technology in noncontact dispensing for fast and reproducible results every time.

The I.DOT is a liquid handler that anyone can use regardless of automation experience. The instrument transfers volumes as low as 8 nL with unrivaled precision and speed while dramatically reducing your laboratory's plastics and reagent consumption. Whether you are dispensing enzymes and beads for NGS or qPCR or adding cells, compounds, and buffers for Assay Development or High-throughput Screening, the I.DOT offers unrivaled precision and ease of use for efficient and reproducible sample preparation.



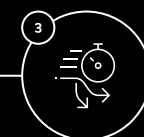
Reaction Miniaturization

With precise transfers down to 8 nL, DISPENDIX Liquid Handlers enable reaction miniaturization, allowing researchers to run up to 10x as many samples for the same cost to their lab.



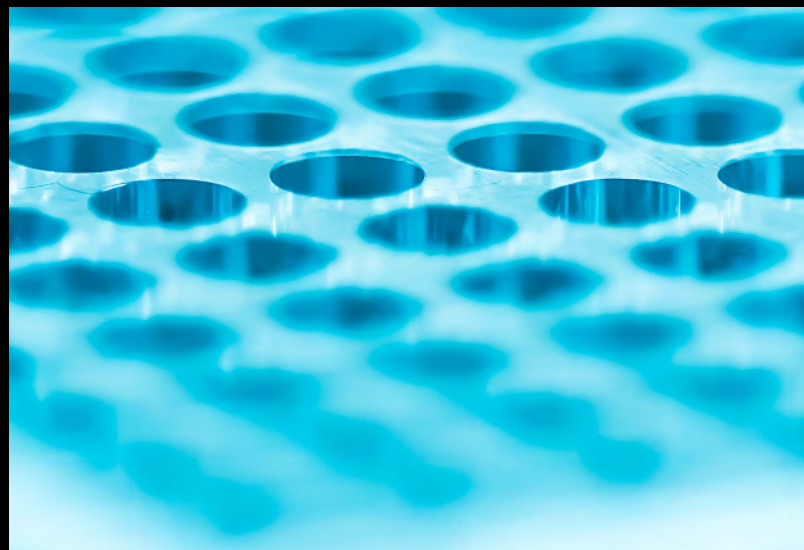
Low dead volume

With a 1 μ L dead volume, no other product enables researchers to transfer their compounds, reagents, and buffers in a more cost-effective and efficient way.



Speed & Flexibility

With the ability to dispense a reagent to 384 wells in seconds rather than minutes, DISPENDIX is changing the way researchers think about the automation of their genomics and drug discovery workflows.



Real-time Volume Verification.

The I.DOT is the only liquid handler with droplet detection and has the capability to detect when users run out of source liquid and verifies dispensing volume. I.DOT's DropDetection is a patented feature that detects and counts every droplet released during a single dispensing run. With integrated droplet detection, DISPENDIX provides researchers with an unparalleled degree of process safety. Imagine knowing for every transfer, the actual volume transferred with an 8 nL resolution.

The I.DOT provides users with flexibility in the types of source consumables and destination labware formats that can be used.



I.DOT

S Plates, Standard Destination

S

S.60, S.100, S.200 Well plates support wide range of liquid classes

S.Wells contain 80 uL source volume

Standard

Supports 96 flat plates, 384 and 1536 well plates and custom plate formats

I.DOT DW

S Plates, DW Destination

S

S.60, S.100, S.200 Well plates support wide range of liquid classes

S.Wells contain 80 uL source volume

Destination Options:

DW

Supports skirted 96-well PCR plates, Deep-well plates, SBS standard plates, and custom plate formats

I.DOT L

L Plates, DW Destination

L

New L.100 Well plates available

L.Wells contain 500 uL source volume making them more convenient for higher volume multi-well dispensers. (Use less source wells for the same workflow)

DW

Supports skirted 96-well PCR plates and Deep Well plates



Assay Studio streamlines your workflow

I.DOT's software Assay Studio optimizes protocol creation, and users can easily import CSV files to create more complex protocols. It is automation-friendly and integrates with any third-party scheduler.

- Touch screen, user-friendly software
- Fast, intuitive, and CVS-friendly setup
- Multiwell and custom formats
- No programming or looping needed
- Improve processes and data quality

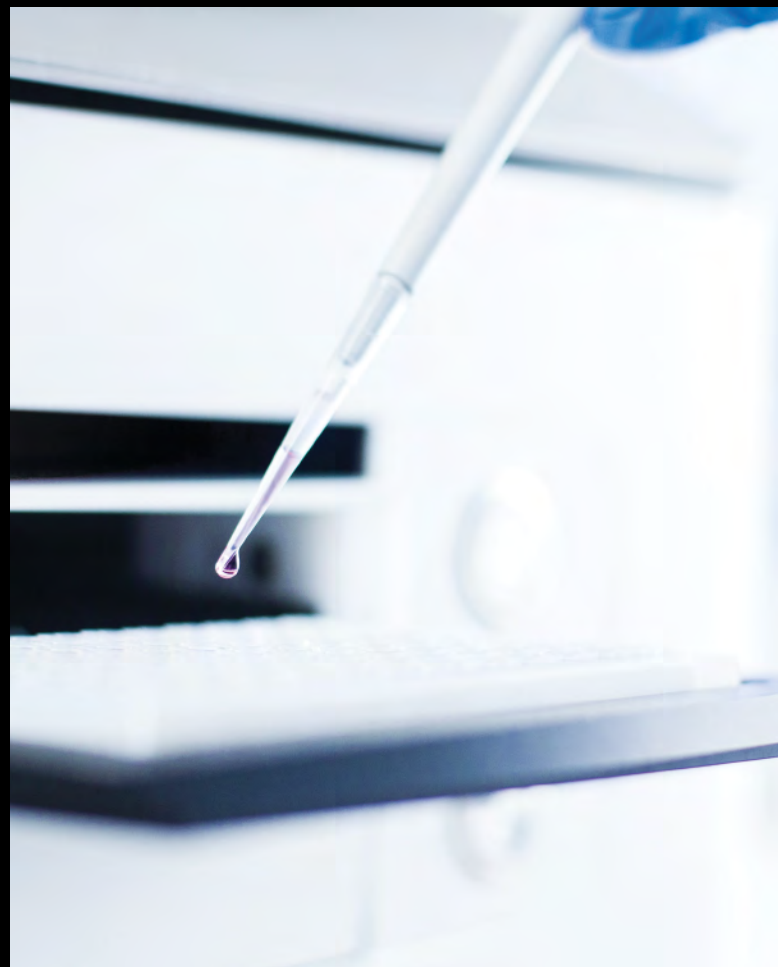


	S.60	S.100	S.200	L.100
Designed For	I.DOT, I.DOT DW	I.DOT, I.DOT DW	I.DOT, I.DOT DW	I.DOT L
Orifice Size	60 μm	100 μm	200 μm	100 μm
Suitable	Drug Discovery	General Purpose	Viscous Enzymes/ Genomics	General Purpose
Dead Volume	1 μl	1 μl	1 μl	1 μl
Fill Level	80 μl	80 μl	80 μl	500 μl

Dispensing Plates To Meet Your Low and High-throughput Needs.

I.DOT dispensing plates are compatible with a variety of liquids. The range includes aqueous solutions containing salts and reagents used for qPCR assays, DMSO up to 100%, Matrigel and many other liquids commonly used in labs. The dispensing plates can also handle solvents like methanol and acetonitrile. Additionally, liquids dispensing of living cells is one of the strengths of the I.DOT dispensing plates.

I.DOT dispensing plates are specifically designed to be used with our I.DOT non-contact dispensing systems.





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