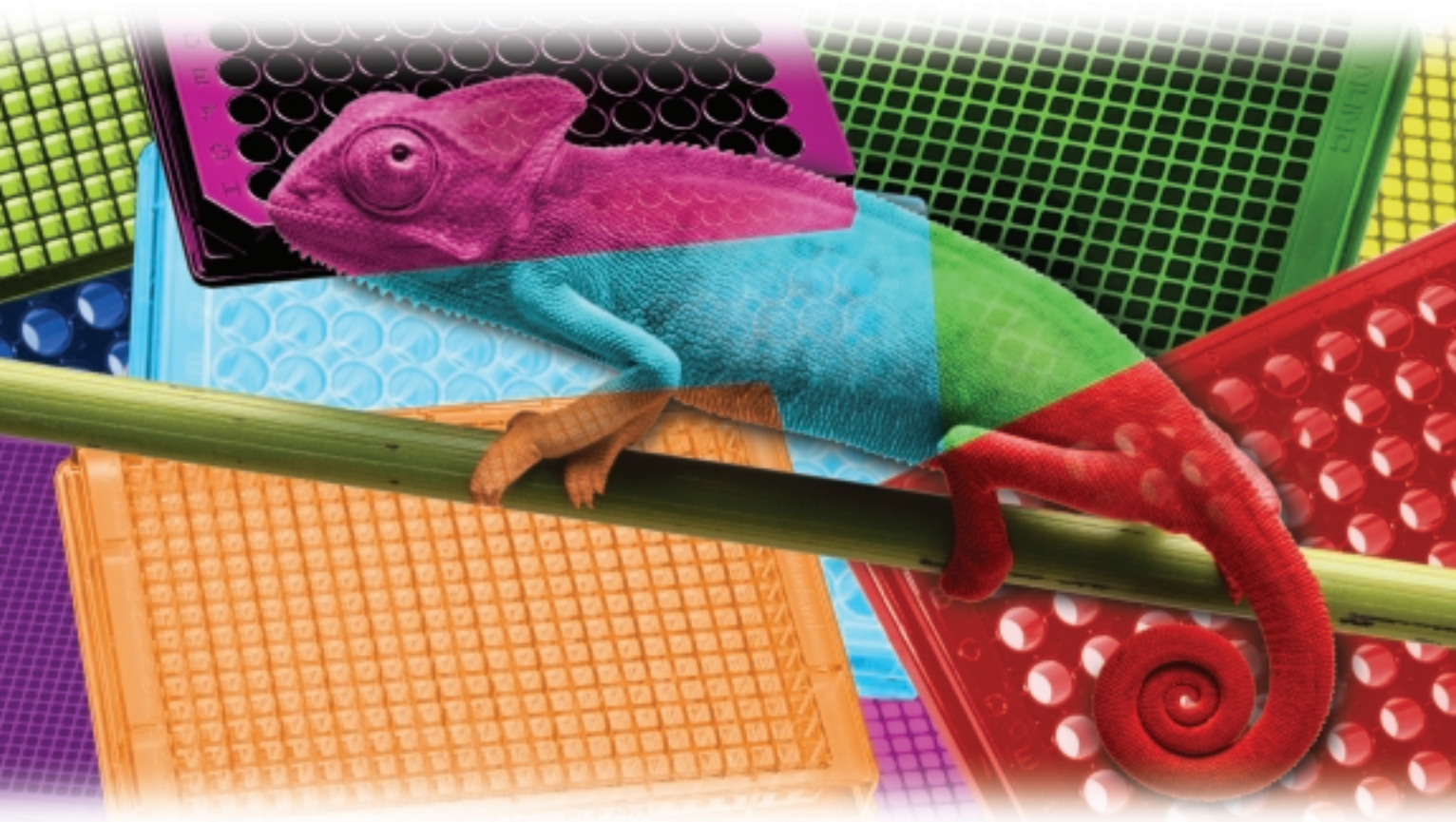


JANUS Automated Workstation



powered by **Packard innovation**

Adaptability matters

The **only** liquid handling system that **adapts** to

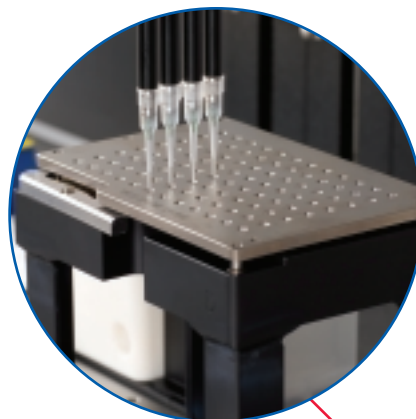
Wherever your liquid handling needs take you, the modular JANUS Automated Workstation is designed to defy obsolescence.

The cornerstone of our next generation of automated liquid handling systems, JANUS™ offers a choice of single- or dual-arm systems for dispensing or labware movement providing:

- Flexibility today — Choose from 4- or 8-tip models in compact or expanded deck sizes.
- Scalability for tomorrow — Modular design enables easy upgrades including 96- or 384-tip arm with Modular Dispense Technology (MDT™).
- Walk-away automation — Add a second integrated labware movement module.
- Additional capacity — For microplates or disposable tip boxes, simply connect a PlateStak™ microplate storage device.

The JANUS automated workstation is designed for the efficient automation of sample preparation procedures utilized in pharmaceutical, biotech and research applications.

And now with MDT available for the second arm, JANUS delivers even more assay automation with precision pipetting over a wide dynamic volume range in a completely walk-away system. Within a single protocol, dispense heads can be automatically switched to change the system's pipetting range from nanoliters to microliters in seconds. And JANUS can be upgraded at any time to meet your changing application requirements, so it won't become obsolete as your needs change.

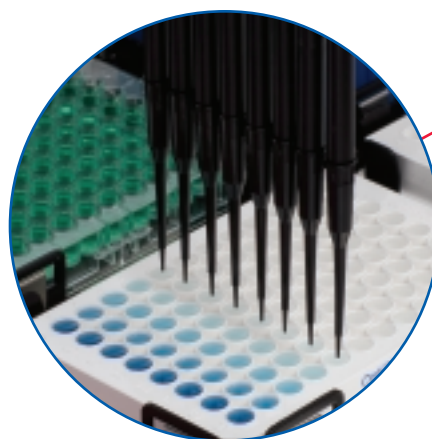


Mod

Flexible

Choice of 4-tip or 8-tip dispense arm with Varispan for multi-tipped processing from tubes to vials to plates. Tip options include fixed, washable tips, disposable tips, or both.

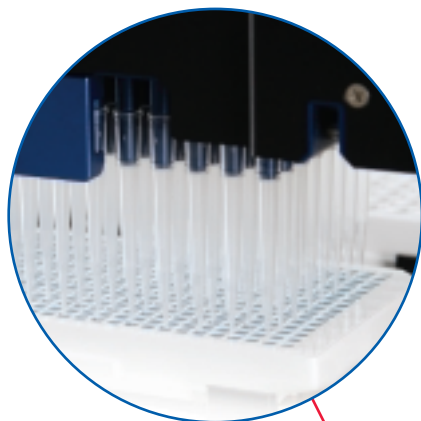
Scalable



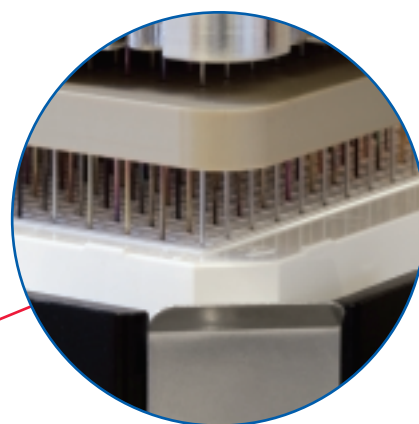
Precision

your changing needs – today and tomorrow!

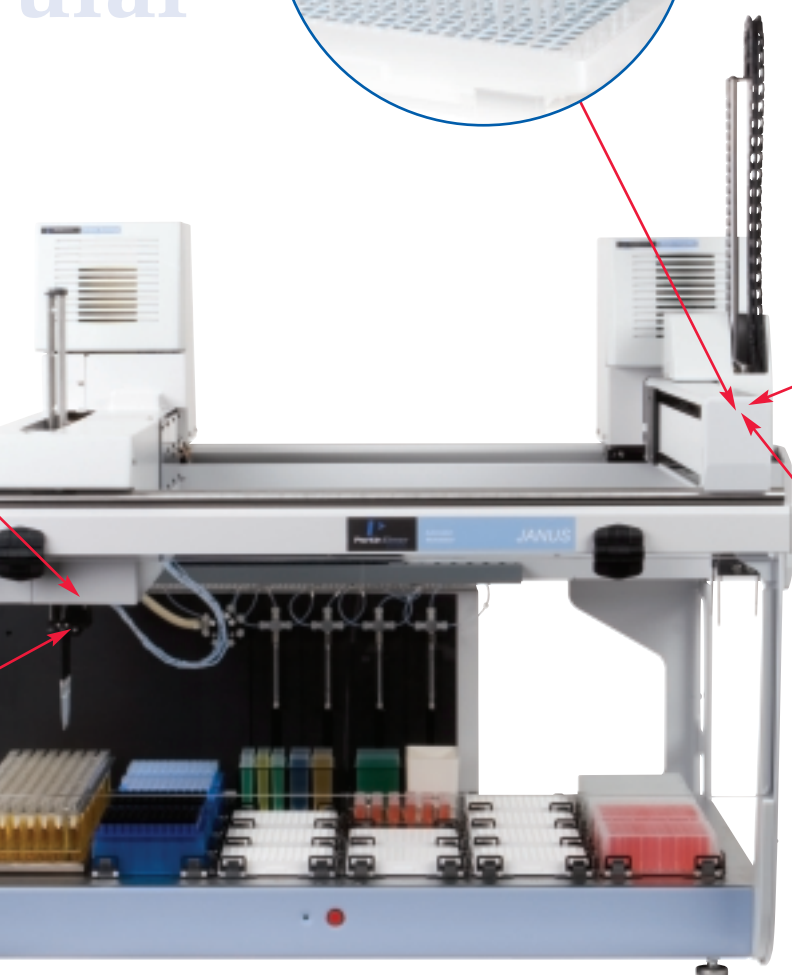
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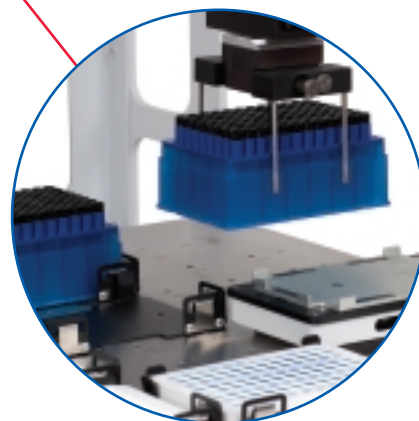
MDT enables automatic switching of heads for optimal precision pipetting. It offers a variety of 96- or 384-tip MDT pipetting tools and unique nanodispensing down to 50 nL with C.V.s less than 13%.



Labware movement module enables complete assay automation by linking pipetting tools with labware movement around the deck or into ancillary devices such as readers, washers, incubators or other application enhancing devices.



Modular deck design enables today's tube, vial or microplate-based applications to be fully automated. Three deck sizes provide capacity up to 1536 test tubes or 32 microplates or tiles or any combination.



Automation

**Flexible today, scalable for tomorrow —
JANUS Automated Workstation ...
powered by Packard innovation.**

Additional key features of the JANUS platform include:

Varispan™ – Provides automatic computer-controlled variable sample probe spacing for multi-tipped processing of different methodologies allowing test tubes, microplates, deep-well plates, vials, etc. to be automated.

VersaTip™ – Enables both washable and disposable tips to be used on one tip adapter. No user intervention required to change from one tip type to another.

Accusense™ – Independent liquid level sensing on each channel

Modular Dispense Technology (MDT) – Enables a choice of 96- or 384-tip dispense heads to be automatically switched “on-the-fly” for optimal performance

NanoHead™ – Takes assay miniaturization to another level with 384-tip processing down to 50 nL with precision better than 13% C.V.

With JANUS, you can increase your lab's throughput and efficiency even more by integrating other proven PerkinElmer lab automation systems and instrumentation.

Three different JANUS platforms are available, Standard, Expanded and Integrator. The Integrator version provides capability to interface with other lab equipment such as plate readers, shakers, etc.

To transform your automated liquid handling, get the adaptable, modular JANUS.

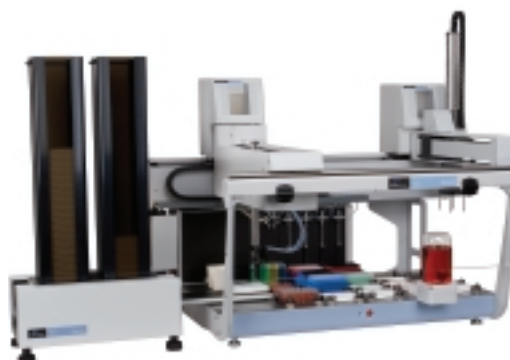
To learn more, call 1-800-762-4000 or visit www.perkinelmer.com/labautomation.



Flexible 4- or 8-tip processing with a choice of tip types, variable probe spacing and independent liquid level sensing.



JANUS 2-arm Automated Workstation with Integrator deck, 8-tip dispense arm and labware movement tool shown interfaced to a Victor™ plate reader.



Enhanced capacity is achieved by integrated up to four PlateStak Microplate Storage Devices providing up to 200 additional microplates or over 50-tip box capacity.

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