

Robotic Liquid Dispensing and Multiple-Channel Panel Systems

Encynova's Travcyl™ Systems provide exacting performance for automated manufacturing and precision lab procedures. These systems are internally-sealed, positive-displacement devices that do not require valves or user calibration. They encompass all elements of liquid management. Pumping capability, fluid measurement, and flow control are all in one compact module making robotic fluid delivery and multiple-channel systems simple and accurate. Accuracy of up to 0.1% Cv and flow pulsation as low as 1-3% of total flow are achievable with Encynova systems.

Encynova delivers the accuracy and repeatability required for robotic fluid dispensing.

The Encynova Model 2-4 Nova System teams up with the I&J Fisnar 7000-series robots to deliver unmatched accuracy and repeatability for variety of fluid applications. Programming is made simple with the user-friendly, hand-held pendant (not shown).

- Micro titer plate applications
- Serial dilutions
- Micro-spotting
- Vial filling

Work area:

7.87" x 7.87" – 15.75" x 15.75"

Approximate Dimensions (as shown):

12.5" wide x 14.5" deep x 23.5" tall

Dispensing Accuracy:

Up to 0.1% Cv



Panel Systems: Multiple-Channel Fluid Control



For projects that require multiple fluid handling channels, Panel Systems are ideal. Any of our Travcyl™ System Modules can be mounted in a standard 19-inch rack. This configuration is convenient and compact for multi-pump applications. Control options for Panel Systems vary—please contact Encynova to discuss your application.

- RS-485 Communications
- Network 1-255 pump modules
- Nanoliters-liters



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