

# Benchtop Robot for Automated Workflows



The Thermo Scientific VAlet is a benchtop robot enabling configurable laboratory automation. Adaptable to user demands, VAlet has been designed to allow multiple hotel positioning for customizable, high density microplate movement and storage, which can increase productivity in a limited work space. VAlet features four-axis plus servo-gripper, and the capacity to access both single and multiple arrayed nests. Built for the dynamic laboratory environment, the Thermo Scientific VAlet caters to a broad range of applications, from instrument loading to integrated workflows. With its flexible design and on-board re-grip station, the high capacity microplate storage can be placed on the left, right or at the front to optimize its fit in the laboratory. User-defined choices also include random or sequential storage access, giving a capacity of up to 45 or 120 microplates, respectively. VAlet has been designed to enable the quick addition of connecting carousels, which can be mixed and matched to provide enhanced storage and workflow capacity tailored to specific requirements.

Thermo Scientific VAlet also integrates Thermotor technology that allows the VAlet to be controlled directly from a computer without the need for additional controllers. In combination with the Thermo Scientific Momentum scheduling software, including the Momentum 3.2, the VAlet bench-top robot is well positioned to provide users with a platform for creating, operating and fulfilling automated workflow needs.

**Thermo Fisher Scientific Inc.**, 905-332-2000,  
[www.thermoscientific.com/automate](http://www.thermoscientific.com/automate) [1]

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