

Velox Dash™

A Modern Touchscreen-Based Interface for Intuitive Probe Station Control

FormFactor's new companion device is here! Velox Dash™ enhances probe station control by providing access to the most used functionalities with just a touch of a finger.

With its modern user interface, Velox Dash sets a standard for easy-to-use operation of engineering probe

stations. The companion device combines an intuitive touch interface with an adaptable workplace.

Additionally, Velox Dash consolidates the functionalities of hardware joystick and eVue remote control into a single platform. The novel Velox Dash's user-centred design makes daily work a gratifying experience.



Modern User Interface with Touch Screen

Convenient probe station operation with just a touch of a finger



Intuitive and Customizable to Operator's Needs

Simplified operation, even for inexperienced users



Access to Most Common Probe Station Functionalities

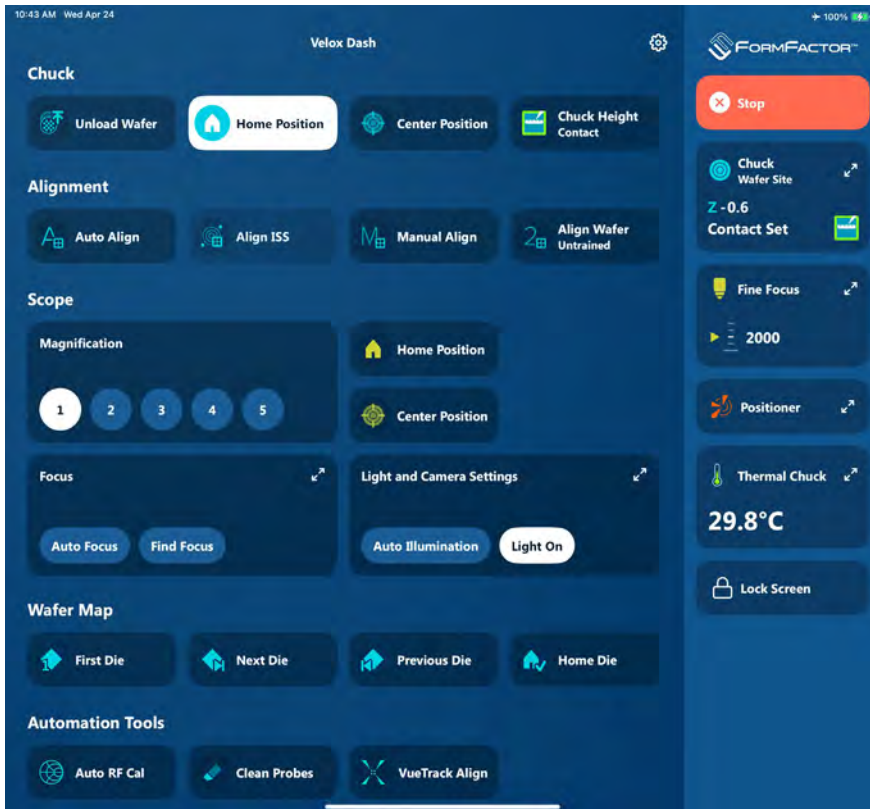
Fast and efficient probe station operating



Integrated Solution

Replaces mechanical joystick and eVue remote control





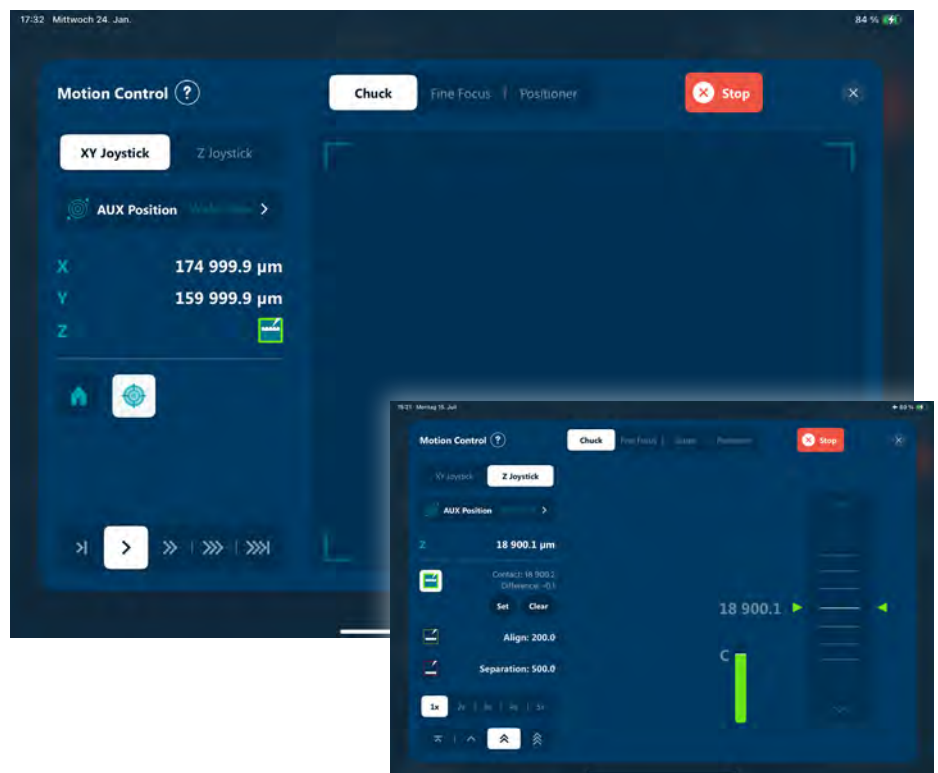
Main Screen

For fast and efficient probe station operation, the main screen of Velox Dash provides access to the most common probe station functionalities: Load/Unload Wafer, Chuck positions, Alignment methods, Scope settings, Wafer Map stepping and Automation Tools.

Velox Dash keeps the user informed about the probe system status: The Control Center on the right of the main screen provides essential status information at a glance. Shortcuts lead to the system Motion Controls and Chuck temperature settings.

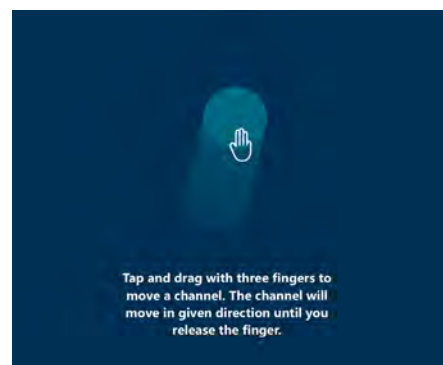
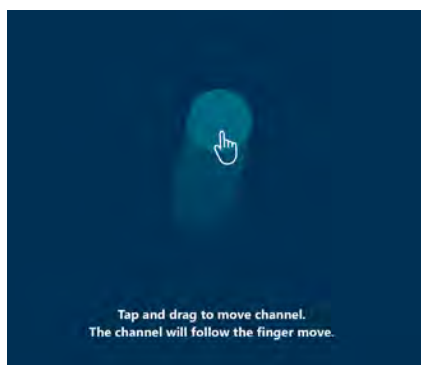
Motion Controls

The Velox Dash Motion Controls provide intuitive and precise probe station navigation. With the on-screen joystick, the operator can move the Chuck, Scope, and motorized Positioners precisely in X and Y. Scrollable Z-wheels are available for Chuck, Scope, Fine Focus and motorized Positioner Z movements. All Motion Controls cover a wide area of the screen and can be used “blindly”, while conveniently watching the movements on the machine or the system monitor.



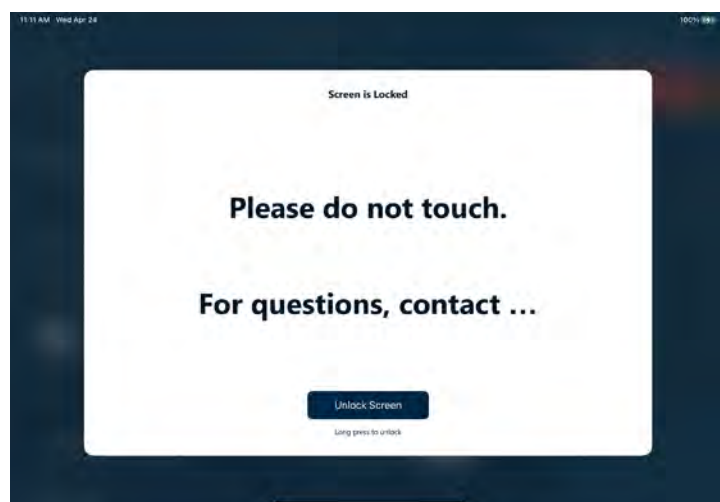
Multi-finger Capability

With its multi-finger capability, different joystick modes can be selected: Free Drag Movement, Joystick Mode, Lock Movement Angle to 45°.



Thermal Control

The thermal chuck of the probe system can be conveniently controlled with Velox Dash. Pre-defined or freely chosen temperatures can be set. Thermal chuck temperature and status are displayed on the Thermal Control screen and on the Main Screen of Velox Dash.



Lock Screen

Velox Dash can be locked with an editable message for other operators in the lab. This can for example contain a contact name in case someone in the lab has questions about the system.



Integrated Solution with Retractable Keyboard

Velox Dash comes with a high-quality tray and is completely integrated into the probe station. The screen can be adjusted to a preferred angle, and the keyboard is retractable. The probe system mouse rests conveniently next to the Velox Dash screen.

Compatibility

Velox Dash is available for the following probe stations (fully and semi-automated):

- / SUMMIT200
- / CM300xi
- / TESLA300
- / TESLA200
- / CM300xi-ULN
- / EVOLVITY™ 300

