

Velox[™] 3.2.1 Highlights

Probe Station Control Software

Velox 3.2.1 introduces a new module that has been optimized for the requirements of manual probe station users. Velox for Manual Probe Stations improves speed and accuracy of probing, and assists design debug and presentation of measurement results.

Additionally, Velox 3.2.1 comes with a faster Auto Align and an enhanced ReAlign[™] for SUMMIT200. Automated backup and recovery funcitons are implemented as well as an optimized background infrastructure.



A free upgrade is available for existing customers.*

Velox for Manual Probe Stations

- / Comes with a feature set that has been optimized for the requirements of manual probe station users
- / AugmentedAlign Tool: Improves RF, mmW and THz measurement accuracy and simplifies probe positioning
- $\prime\,$ Find Feature Tool: Pattern recognition-based dimensional feedback of probe position with μm resolution
- / Live Vision with Analytical Tools: Maximum ergonomics with Measure On-Screen and Snap Image
- / Python-based Scripting Console: Allows user code for control of WinCal, VNA and more

Benefit:

Improves speed and accuracy of probing, and assists design debug and presentation of measurement results. For RF/ mmW/THz measurements it enables faster calibration and improves accuracy and repeatability.



Velox for Manual Probe Stations: The exclusive AugmentedAlign tool provides on-screen markers that improve measurement accuracy and make RF probe positioning as simple as can be.



ReAlign[™] for SUMMIT200

- / Autonomous operation for vertical probe cards
- Near-on-axis technology: high thermal stability with small station footprint
- Measurements over temperature with optional RF/DC cover: EMI-shielded, dark and frost-free
- Modular design: interchangeable with other application layers, e. g. RF TopHat
- / Full wafer Z-profiling
- / Single die alignment without a microscope

Benefit:

Faster time to data with automated probe-to-pad alignment for vertical probe cards.



Performance Modes SUMMIT200/TESLA200

- / 3 user selectable performance modes
- / Changeable at any time, no service visit needed
- / Standard Mode is pre-selected by default

Benefit:

Enabling >40% faster time to data if application does not need maximum accuracy



Interval Backup

- / Automated backup of projects and configuration files
- / Easy-to-use recovery function
- / Data is stored separately from the Velox storage medium

Benefit:

User-relevant data protection.



Faster Auto Align

 Auto Align has been optimized to be 10% faster Auto Align

Benefit: Faster time to measurement.

* Requires Service visit and upgrade to Windows 10. Please contact your local sales person for more information.

