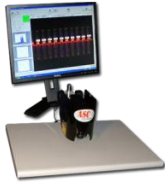# ASC International – SPI Product Overview

LaserVision SP3D Mini - Laser-based solder paste inspection system capable of measuring height, width, area and volume. Utilizes the ASCan Ultra software for the most advanced user interface available for offline SPI including onboard, real-time SPC run charts, custom data reports, auto-scripting for run time procedural control, auto-inspect mode for accurate and repeatable measurements without the variables associated with manual operator error and quad mode interface for live image, SPC charting, 3D profiling, Gerber overview displays. Windows 10 OS. **SP3D Mini List Price- $12,995**
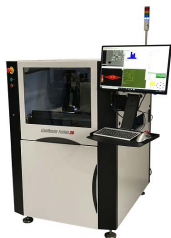
VisionPro M Series - SP3D / M500 - The VisionPro Series of bench top SPI systems provides the ultimate in flexibility, with the choice of two sensor technologies: The SP3D with laser-based technology for standard height, width, area and volume measurements and the M500 utilizing structured white light sensor technology for the most comprehensive true 3D SPI measurement capabilities available today. Includes the ASCan Ultra software for the most advanced user interface available for offline SPI including onboard, real-time run charts, custom data reports, auto-scripting for run time procedural control, quad mode interface. Windows 10 OS. **SP3D List Price - $15,995 / M500 List Price: $26,495**

VisionPro AP Series – AP-SP3D / AP500 – VisionPro AP500, the most popular model of ASC International's VisionPro AP family is a sophisticated true 3D solder paste measurement system coupled with Windows® 10 OS. With less than an hour of training, an operator can perform fully automated, accurate true 3D measurements of solder paste features focusing on the most critical components such as uBGA's, 01005's and ultra-fine pitch. Utilizing structured white light sensor technology for the most comprehensive true 3D SPI measurement capabilities available today. Includes the ASCan Ultra software for the most advanced user interface available for offline SPI including onboard, real-time SPC run charts, custom data reports, GerberPro import for simple to use 5 minute programming, quad mode interface for live image, SPC charting, 3D profiling and Gerber overview displays. **VisionPro AP-SP3D List Price: $29,995 / AP500 List Price: $39,995**

VisionPro HSi – VisionPro HSi is 100%, high speed, true 3D solder paste measurement system coupled with an intuitive Windows® 10 OS, and packaged in a rugged, stand-alone platform designed for the electronics production floor. With less than an hour of training, an operator can perform fully automated, accurate true 3D measurements of solder paste features focusing on the most critical components such as uBGA's, 01005's and ultra-fine pitch. Includes the ASCan Ultra software for the most advanced user interface available for offline SPI including onboard, real-time SPC run charts, custom data reports, GerberPro import for simple to use 5 minute programming, quad mode interface for live image, SPC charting, 3D profiling and Gerber overview displays. **VisionPro HSi List Price: $44,995**

LineMaster Fusion 3D – The LineMaster Fusion 3D is ASC International's most recent product advancement bringing ASC's high resolution, high accuracy 3D sensor technology to the in-line SPI market space. Affordable high speed 3D SPI for 100% coverage of all solder related feature allows manufacturers the ability to track paste related defects real-time without the need for what has been traditionally, a very expensive proposition. ASCan Ultra software provides on-board SPC, custom data reports, 5 minute Gerber Pro programming, Pass/Fail end of run output with corrective action input and much more. The LineMaster Fusion 3D is quickly becoming the go-to when it comes to implementing a comprehensive print process control solution at a price point unmatched within the industry. **LineMaster Fusion 3D List Price: $54,995**

ASC International – AOI Product Overview

VisionPro Merlin– The Merlin AOI system from ASC International provides manufacturers seeking a lower cost solution for their overall component inspection needs. Utilizing user simplified advanced algorithm based technology, the Merlin inspects for all the attributes associated with component placement process such as *Absence / Presence*, *Polarity*, *OCR*, *2D Solder Inspection including Bridging of Leads*, *THT Inspection* and *Soldering Quality of Leads* all detected with low false call rates.   All packaged in a rugged stand alone platform with top of the line components makes the Merlin the most cost effective AOI solution on the market today. Windows 10 OS. Optional laser for Component and Lead Height. **VisionPro Merlin List Price: $39,500**

VisionPro Merlin Ultra - The Merlin Ultra AOI solution from ASC International builds upon the industry leading Merlin Series with the addition of a larger platform to manage oversized boards. Accepting boards as large as 22" x 26", the Merlin Ultra Series inspects for all the attributes associated with component placement process such as *Absence / Presence*, *Polarity*, *OCR*, *2D Solder Inspection including Bridging of Leads*, *THT Inspection* and *Soldering Quality of Leads* all detected with low false call rates.   All packaged in a rugged stand alone platform with top of the line components makes the Merlin Ultra an affordable large board capacity AOI solution. Windows 10 OS. Laser Option for 2.5D Inspection. **VisionPro Merlin Ultra List Price: $44,500**

VisionPro Falcon Plus - The Falcon Plus of AOI solutions from ASC International provides the same high level inspection capabilities as found in our Merlin Plus AOI systems all wrapped into an ***inline*** platform or Island for continuous flow requirements. The Falcon Plus inspects for all the attributes associated with component placement process such as *Absence /Presence*, *Polarity*, *OCR*, *2D Solder Inspection including Bridging of Leads*, *THT Inspection* and *Soldering Quality of Leads* all detected with low false call rates.   All packaged in a rugged inline platform with top of the line components makes the Falcon the most cost effective Inline AOI solution on the market today. Win 10 OS. Laser Option. **VisionPro Falcon Plus List Price: $59,995**

LineMaster Fusion DMi– The LineMaster Fusion DMi s a revolutionary platform combining the best of ASC International's 3D SPI sensor technology with its sophisticated algorithm based AOI sensor technology into a dual purpose, single source solution. Providing the most accurate and reliable inspection results along with fully automated routines for 100% coverage or selective inspection makes the LineMaster Fusion DMi an exceptional value for the electronics manufacturer searching for a tool to significantly improve both quality and productivity. Window 10 OS. **LineMaster Fusion List Price: $54,995**

Please Visit us at www.ascinternational.com for more detailed product information