

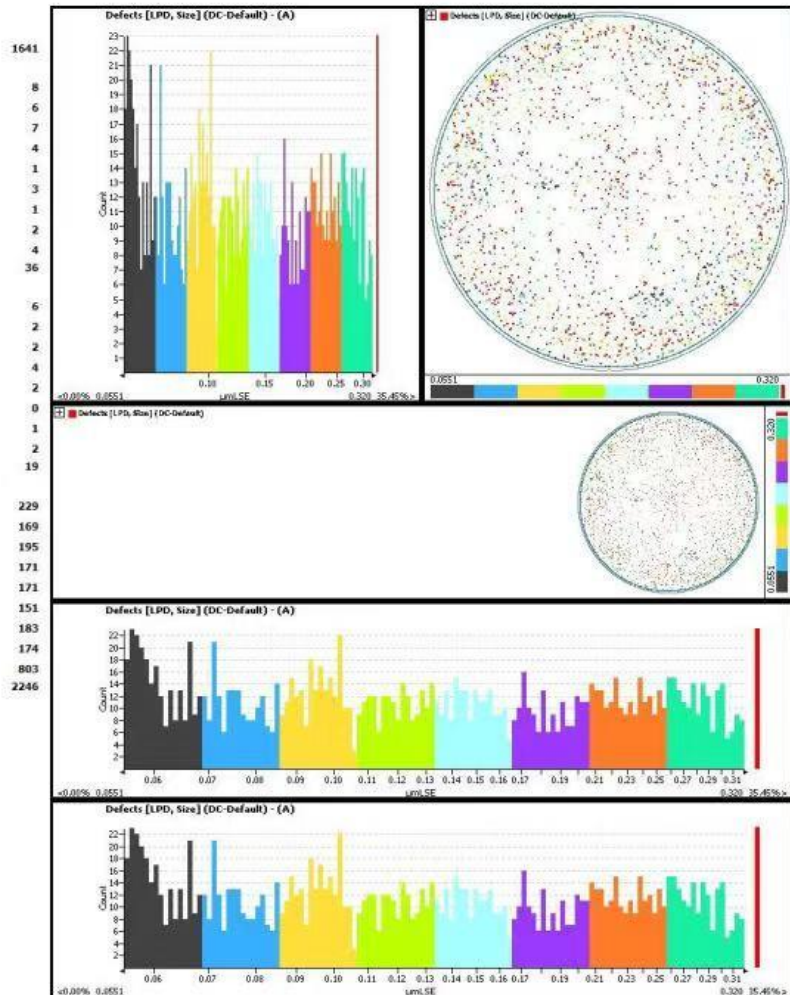
KLA-Tencor

SP2 Description:

- Wafer Surface Inspection System, Surfscan

Specifications:

Counters			
Default Counter:			
DC-Default Removed LPD Size			
1	0.0557	-	0.0636
2	0.0636	-	0.0727
3	0.0727	-	0.0830
4	0.0830	-	0.0949
5	0.0949	-	0.1084
6	0.1084	-	0.1238
7	0.1238	-	0.1415
8	0.1415	-	0.1616
Saturated			
Total			
DC-Default Common LPD Size			
1	0.0563	-	0.0675
2	0.0675	-	0.0809
3	0.0809	-	0.0969
4	0.0969	-	0.1162
5	0.1162	-	0.1392
6	0.1392	-	0.1669
7	0.1669	-	0.2000
8	0.2000	-	0.2397
Total			
DC-Default Added LPD Size			
1	0.0551	-	0.0687
2	0.0687	-	0.0855
3	0.0855	-	0.1066
4	0.1066	-	0.1328
5	0.1328	-	0.1654
6	0.1654	-	0.2060
7	0.2060	-	0.2566
8	0.2566	-	0.3197
Saturated			
Total			



Item	Part Number	Description	QTY	UOM	List Price	Offered Price
		MODEL, SP2	1			
		Lead time 35 weeks ARO				
		Surfscan SP2 Wafer Surface Inspection System	1			
		Provide the following benefits:				
		*Optimized sensitivity and throughput - < 37nm defect sensitivity on polished bare silicon				
		*Enables qualification of current and next-generation substrates, SOI, strained SOI and strained Si				
		*Qualification and monitoring of process tools, at the 90, 65 and 45 nm technology nodes				
		*Assists in process troubleshooting and development				
		Includes the following components:				
		*UV laser				
		*Defect map and histogram with zoom				
		*iMicroView measurement capability				
		*SURFimage				
		*Real-Time Defect Classification (RTDC)				
		*Microsoft Windows XP Operating System				
		Features the following inspection modes:	1			
		* Standard Throughput Inspection Mode				
		* High Sensitivity Inspection Mode				
		Advanced Illumination Optics supporting the following mode(s):	1			
		* Oblique Illumination				
		Equipped with Powder Coat Painted Panels	1			
		Includes 300mm Phoenix Dual FIMS Vacuum Wafer Handler (PP)	1			
		*Ballroom Configuration (Standard)	1			
		Configured for ELB (ASIA) Power Inlet	1			
		Includes the following enable licenses:	1			
		*Optical Filter				
		*Enhanced XY Coordinates				
		*2mm Edge Exclusion				
		*Standard Classification Package				
		*LPD-N Classification				
		*LPD-ES Classification				
		*Grading and Sorting				
		*Haze				
		*Haze Analysis and Normalization				
		*Haze Line Classification				
		*IDM				
		Configured for IC/OEM Mfg Surf Quality Recipe	1			
		Crate, STD Shipping, SP2	1			
		Sag Protection, F47, 208V	1			
		Oblique Incidence	1			

		High Sensitivity Inspect Mode	1			
		Std Throughput Inspect mode	1			
		*20 Degree	1			
		*40 Degree	1			
		*Rough Films	1			
		NGS Desktop Software Package	1			
		-Host ID will be required during software installation				
		4 Color Light Tower (RYGB)	1			
		Ion Shower for Phoenix Dual	1			
		12" PSL 0.04µm (40nm)	1			
		12" PSL 0.06µm (60nm)	1			
		12" PSL 0.083µm (83nm)	1			
		12" PSL 0.102µm (102nm)	1			
		12" PSL 0.155µm (155nm)	1			
		300mm XY Calibration Wafer	1			
		Dryer for COE	1			
		Item Total				
		Item Net Value				
		SP2: Basic Ops & Apps Training	1			
		5 day SP2 Basic Operations and Applications Training for one student.				
		Validity period is 12 mos from equipment shipment when training is entitled or sold with equipment.				
		SP2: CUST EQUIP TRAINING	1			
		5 day SP2 Customer Equipment Training for one student.				
		Training sold/entitled with equipment sale is valid for 12 mos.				
		SPX Warranty (Regular)	1			
		Warranty begins upon the first to occur of (i) successful execution of the KLA-Tencor field Conformance Test Document tests if no special tests are identified in the KLA-Tencor Customer Acceptance Specification (CAS) document, or (ii) successful completion of agreed upon special tests identified in the KLA-Tencor CAS document, or (iii) if the tool is "production ready." "Production ready" is defined as (a) the Customer using the tool for development and/or production recipe generation, or (b) the Customer is using the tool for qualification of other tools within its facility, or (c) the Customer is using the tool for pre-				
		production or production inspections or measurements, or (d) 60 days has past from date of shipment and failure of the tool to reach production ready status is not delayed by KLA-Tencor.				
		All Parts Included				
		All Labor Included				
		Holiday coverage not included.				
		Validity Period	12			
		SP2X Apps Support During Warranty	1			
		KLA-Tencor application support during the standard 12-month warranty period. Coverage is 5 days x 8 hours per day. KLA-Tencor warranty terms apply. Nominal duration of coverage is a defined number of days by product through acceptance to the end the warranty period.				
		Application support services include:				
		* On-site initial hands-on basic operations training and system overview.				
		* System acceptance support of standard KLA-Tencor conformance testing (CTD) and the performance of special testing requirements (STR) when mutually agreed prior to shipment.				
		* Support in troubleshooting of system down events through the end of warranty period.				
		Number of Days Included	11			
		Coverage is 8 hours per day, 5 days per week, Monday thru Friday.				
		Travel Not Included.				

