

Onto Innovation DRAGONFLY G3

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Make

Onto Innovation

Model

DRAGONFLY G3

Vintage

2022

1-2(1)

Item	Product	Description	Quantity	Net Price	Net Value
20/10	DRAGONFLY	Dragonfly Configurable Material Price breakdown for Item 20/10 includes the base price and price for the following options listed below:	1 EA		
20.1	701741	Objective, Mitutoyo, Lg Wkng Dist, 50x 50 X Objective - Long working distance - Mitutoyo	1EA	0.00	0.00
20.2	770958	Option, Cert, Wafer Assy, DSW, 200mm	1EA	0.00	0.00
20.3	770365	System, Inspection, Dragonfly	1EA	0.00	0.00
20.4	760940	Door Assy, Wafer Passthru, XPort, DFLY	1EA	0.00	0.00
20.5	758959	Insp Pltfrm Assy, S.F.,WRC,200/300mm,QZ	1EA	0.00	0.00
20.6	753898	Kit, Earthquake Hold Down, Dragonfly	1EA	0.00	0.00
20.7	753897	Crating Assy, Dragonfly	1EA	0.00	0.00
20.8	750895	Option, 5635 AeroBar, Ionizer Kit, XFP Aerobar 5635 ionizer for the inspection tool	1EA	0.00	0.00
20.9	749214	CAP3236, Mandarin Safety Labels	1EA	0.00	0.00
20.10	744595	Objective, RTEC, 95mm Shoulder, 3x	1EA	0.00	0.00
20.11	729968	CNF, Objective, RTEC, 2x	1EA	0.00	0.00
20.12	721400	Kit, Label, China RoHS, Packaging ROHS labels and documentation for China shipments	1EA	0.00	0.00
20.13	701740	Objective, Mitutoyo, Lg Wkng Dist, 20x 20 X Objective - Long working distance - Mitutoyo	1EA	0.00	0.00
20.14	701739	Objective, Mitutoyo, Lg Wkng Dist, 10x 10 X Objective - Long working distance - Mitutoyo	1EA	0.00	0.00
20.15	701738	Objective, Mitutoyo, Lg Wkng Dist, 5x 5 X Objective - Long working distance - Mitutoyo	1EA	0.00	0.00
	Configuration:	Characteristic Name 2D Standards Ionizer	Characteristic Value 3rd Prty Crt, 200mm Wfr DSW 5635 Ionizer		

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Item	Product	Description	Quantity	Net Price	Net Value
		Objective Count Objective Max Turret Crating Assemblies Auto Inspection Platform Substrate Loading Options SD Document Category Product Front Side Inspection Docking Station Inspection Base Dragonfly System Type Installed Objective(s) Installed Objective(s) Installed Objective(s) Installed Objective(s) - Whole Wafer Edge Grip Particle Removal System First in Fab Kits Required Additional Objectives Required System Build Audit w/ Pictures - 3D Bump Inspection - Metrology Configuration Licensed Capabilities Customer Source Inspection Customer Special Testing Stage Interface Installed Objective(s) Installed Objective(s) Bright Field Illumination Miscellaneous Options Destination Country - Automated Substrate Loading FIF Size Determine - Sub Sizes Auto Whole Wafer - Automation Handler Earthquake/Seismic Brackets	6 6 CNF, Nosepiece, 6-Position Dragonfly Crating 200/300mm, SF, WRC, WW, QZ Automated Load B DFLY Dragonfly 2W/3W to Dragonfly System, Inspection, Dragonflyb Dragonfly G3 System Mitutoyo, Lg Wkng Dist, 10X Mitutoyo, Lg Wkng Dist, 5X Mitutoyo, Lg Wkng Dist, 20X Mitutoyo, Lg Wkng Dist, 50X Not Required Not Required Not Required Not Required Not Required Not Required No metrology Not Required Not Required Not Required Quad Zone RTEC 2X Objective RTEC, 95mm Shoulder, 3x Standard Turret Cleanliness, DFLY Taiwan Whole Wafer 200 WW 200 mm whole wafer Xport EXP 2-Wide Required		
30/10	AUTO_XPORT_2W	System, XPort, 2-Wide	1 EA	0.00	0.00
		Price breakdown for Item 30/10 includes the base price and price for the following options listed below:			
30.1	716809	Option, Single OCR, XPort Single OCR The Optical Character Reader (OCR) is designed to provide flexibility to customers that need to ability to optically read characters on the top of the wafer. Refer to ProCat	1EA	0.00	0.00

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		for codewords, fonts, and specifications supported by this PCR			
30.2	717448	Crating Assy, XPort, 2-Wide Only XPort Crating Assy	1EA	0.00	0.00
30.3	720487	License, PTO Vx.x Run Time	1EA	0.00	0.00
30.4	721912	Notched Teaching Wafer, Plastic, 200mm	1EA	0.00	0.00
30.5	735811	License AsystNexEDA Runtime 200/300 SECS/GEM host communication	1EA	0.00	0.00
30.6	739171	CAP2911, Thin WW End Effector for	1EA	0.00	0.00
30.7	750896	Option, 5635 AeroBar, Ionizer Kit, 2W Ionizer, Aerobar 5635 for handler	1EA	0.00	0.00
30.8	752883	Option, Single Axis Pre-Aligner, XPort	1EA	0.00	0.00
30.9	753899	Kit, Earthquake Hold Down, XPort to	1EA	0.00	0.00
30.10	754016	Option, DS30 Inlet (Plug) and 30A plug and receptacle.	1EA	0.00	0.00
30.11	754247	System, Explorer, 2-Wide Port Exp Base System, 2-Wide, Explorer The XPort Base System (2Wide) for the Explorer Inspection Cluster is a class 1 high speed wafer handling EFEM outfitted with an intelligent wafer scheduling and recipe management system. This configuration forms the core of the Explorer inspection/metrology cluster. The XCluster software and hardware controls a high speed wafer handling EFEM outfitted with a dual arm robot designed for minimal wafer swap times. The XPort Base System is designed to accommodate two (2)) 300 mm load ports. This system handles standard wafer thicknesses Key Features: 1) Flexible wafer scheduler that accommodates different combinations of inspection and metrology modules. 2) Improved throughput using dynamic wafer flows when configured with dual identical inspection modules. 3) Increased usability with new operator-centric user interfaces. 4) Flexible recipe management through true database check-out/check-in procedure. 5) Automated whole wafer handling. 6) Dual arm vacuum assist backside wafer handling. 7) Minimal contact end effector. 8) Integrated laminar clean airflow mini-environment (ULPA Filtration). 9) Robot with integrated mapper. Optional Loadport Door Mappers10) Fully programmable light tower. 11) Full host-comm support with appropriate host-	1EA	0.00	0.00

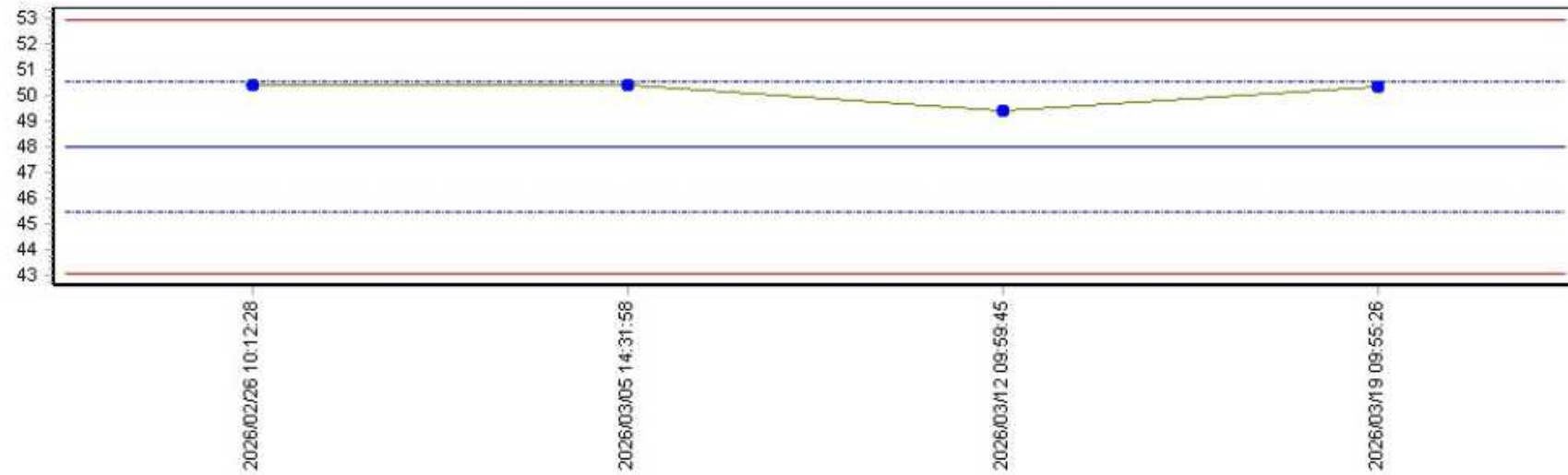
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		comm options. 12) E116 - Equipment Performance Tracking 13) Clean Air Supply Ionizer 14) Single Axis Pre-Aligner			
30.12	754368	Module, Docking, XPort to Dragonfly	1EA	0.00	0.00
30.13	756909	Loadport, Asyst Versaport	1EA	0.00	0.00
30.14	759472	Option, Versaport Loadport	1EA	0.00	0.00
30.15	772041	Option, Lower Window W/O Cutout, XPL	1EA	0.00	0.00
		Configuration: Characteristic Name Loadport Qty Sub Sizes Auto WW Single Product Automation Docking Module Ionizer Crating Assemblies Substrate Loading Options SD Document Category Front Side Inspection Automation Misc. Options - 3D Bump Inspection - Whole Wafer Edge Grip E84 Required System Build Audit w/ Pictures Hand Held Bar Code Reader Additional Ionizer Back Side Edge Inspection Mod Customer Source Inspection Customer Special Testing Wafer Inversion Module Stage Interface Optical Character Reader Pre-Aligner Light Tower Options Destination Country Defect Auto LP Options Automation Misc. Options - Automated Substrate Loading Automation End Effector - WW - Sub Sizes Auto Whole Wafer - Automation Handler Earthquake/Seismic Brackets Host Communication	Characteristic Value 2 200 2W 2W, XFP/DFLY 5635 Ionizer 2W XPort Crating Automated Load B Dragonfly DS30 Plug & Rcptcle, 30A, 250V Not Required Not Required Not Required Not Required Not Required AeroBar Not Required No Back Side /Edge Required Not Required Not Required WIM Not Required Quad Zone Single OCR Cognex Standard Single Axis Standard Light Tower on Xport Taiwan 200mm, Versaport LP, SMIF (2) Window, Lower, w/o Cutout Whole Wafer 150/200mm for thick wafers (2) 200 mm whole wafer Xport EXP 2-Wide Required Required		
70/50	743776	Package 1: Discover Review Onto Innovation Tool Productivity Package #1 Increase system productivity by classifying defect results offline with the Discover Review client. Capabilities: - Collect, store and classify all-surface defect	1 EA	0.00	0.00

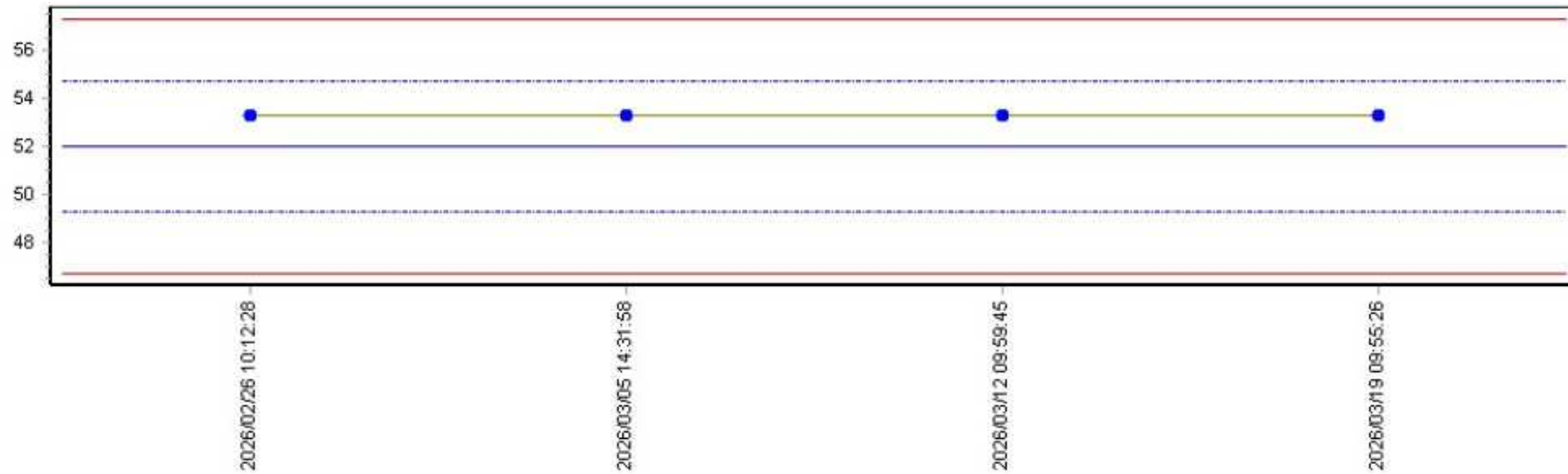
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		data in a database - Optimize tool performance by reviewing defect results offline allowing the system to inspect more wafers - Concurrent client licensing allows multiple installations of the client on several PCs. Includes: - License to connect one (1) Onto Innovation Inspection Tool / Cluster - One (1) Discover Review client license - First year warranty coverage. Hardware: Not Included			
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2. LamppowerBF



3. Lamppower DF



4. Particle

