



Day One Ready.

Turnover data your operations team can trust from the first day.

How are you handling your project turnover data?

How much time is your team losing just finding documentation?

Search space no. or name...
Clear Refresh

12 spaces ROOM DATA SHEET EXPORT

Space Type: Clean Room 12 Facility 148 Laboratory 16 Service 23 Clear filters

Space Name	Department	Room Function	Room Occupancy	Room Area	Room Temperature	Room Humidity	Room Ceiling Height
MR2 — Montopolis 12							
GL — Ground Level 12							
A1-C501 BONDING METROLOGY	Clean Room	Bonding Metrology	H-6	7,109 SF	65-75 F	40-60% RH	10'-0" Above RMF
A1-F500 DRY ETCH TALL	Clean Room	Dry Etch	H-6	1955 SF	65-75 F	40-60% RH	12'-1 1/2" Above RMF
A1-F501 DRY ETCH	Clean Room	Dry Etch	H-6	4461 SF	65-75 F	40-60% RH	10'-0" Above RMF
A1-J501 INDUSTRY PRIVATE	Clean Room			6710.5 SF	65-75 F		10'-0" Above RMF
A1-J502 LITHOGRAPHY, East	Clean Room	Lithography	H-6	3134 SF	65-75 F	40-60% RH	10'-0" Above RMF
A1-J503 WET PROCESS [Cu PLATING, CLEANS]	Clean Room	Wet Process	H-6	7166 SF	65-75 F	40-60% RH	10'-0" Above RMF
A1-J503.1 WET PROCESS CORRIDOR	Clean Room	Circulation	H-6		65-75 F	40-60% RH	10'-0" Above RMF
A1-J504 INDUSTRY or TIE EXPANSION	Clean Room			7187 SF	65-75 F		10'-0" Above RMF
A1-J505 COPPER ROOM	Clean Room	Copper / Gold	H-6	3197 SF	65-75 F	40-60% RH	10'-0" Above RMF
A1-J506 LITHOGRAPHY, West	Clean Room	Lithography	H-6	3051 SF	65-75 F	40-60% RH	10'-0" Above RMF
A1-J508 GRIND & TRIM	Clean Room	Grind & Trim	H-6	1472 SF	65-75 F	40-60% RH	9'-6" Above RMF
A1-J509 TST-REL	Clean Room	Testing	H-6	757 SF	65-75 F	40-60% RH	10'-0" Above RMF
TR — Trench 0							

LOCATION DATA CONNECTIONS TOOLS

Model

Pre-Run

At turnover, most Owners inherit models, datasheets, scans and spreadsheets scattered across systems, often out of date before the keys change hands. Intemation builds the operational record during design and construction, in a platform you own, so your team starts operations with information that is complete, connected and easy to find.



Your data, your database

Each client runs on a dedicated SQL database. The model is a view of the Owner record, managed and maintained by your BIM team.



Everything in one place

Revit/ACC models, Matterport scans, documents and equipment data, linked by space, tool and connections in your facility.



Built before handover

Information is captured and connected as the project progresses, not reassembled after it ends.



Install to turnover, one record.

Tool and utility data that serves the install team and the Owner alike.

How are tool utility requirements reaching your field and design teams?

When a tool is commissioned, where does all of that information go?

The screenshot displays the Intemation software interface. On the left, a sidebar lists various tools and components, including 'DCRS1 KLA Mosaic OHT Main Tool', 'DCRS1 KLA Mosaic OHT EFEM', 'DCRS1 KLA Mosaic OHT Transport', 'DCRS1 KLA Mosaic OHT Defender Process Module PM1', 'DCRS1 KLA Mosaic OHT Defender Process Module PM2', 'DCRS1 KLA Mosaic OHT Griffon Process Module PM3', 'DCRS1 KLA Mosaic OHT Rapier Process Module PM1', 'DCRS1 KLA Mosaic OHT Transport', 'DCRS1 Electronics Cabinet', 'DCRS1 PM1 Chiller', 'DCRS1 PM1 Turbo Pump', 'DCRS1 PM2 Turbo Pump', 'DCRS1 PM3 Turbo Pump', 'DCRS1 PM1 Chiller', 'DCRS1 PM2 Chiller', 'DCRS1 PM3 Chiller', 'DCRS1 Electronics Cabinet', 'DCRS1 Power Distribution Unit', 'DCRS1 Transformer', 'DCRS1 Transport Roughing Pump', 'DEF51 Bare Wafer Inspection (300mm, Front Side and Back Side)', 'DEF52 Bare Wafer Inspection (200mm, 300mm, Front Side)', 'DSH51 XYZTec', 'ECD51 LAM Sabre 3D', 'ECD52 Sabre 3D V3 Frame Tool', 'ESC51 Eshylon Scientific Mobile Electro-Static Carrier', 'EXP51 High NA ILine Lithography', 'EXP52 Direct Write Lithography', 'EXP53 Canon FPA-6300A56', 'FIB51 FEI Helios Nanolab 660 G3', 'FIB52 Thermo-Fisher Helios Hydra 5 (Non-Laser)', 'FLCG51 UHPLC Vanquish System', 'FPP51 CDE ResMap Four-Point Probe', and 'FTR51 ThermoFisher Nicolet-iN10-MKX'.

The main area shows a table of components with columns: COMPONENT, Manufacturer, Model, Width, Length, Height, and Weight. The table lists various components and their specifications, including 'DCRS1 KLA Mosaic OHT Main Tool', 'DCRS1 KLA Mosaic OHT Defender Process Module PM2', 'DCRS1 KLA Mosaic OHT EFEM', 'DCRS1 KLA Mosaic OHT Griffon Process Module PM3', 'DCRS1 KLA Mosaic OHT Rapier Process Module PM1', 'DCRS1 KLA Mosaic OHT Transport', 'DCRS1 Electronics Cabinet', 'DCRS1 PM1 Chiller', 'DCRS1 PM1 Turbo Pump', 'DCRS1 PM2 Turbo Pump', 'DCRS1 PM3 Turbo Pump', 'DCRS1 PM1 Chiller', 'DCRS1 PM2 Chiller', 'DCRS1 PM3 Chiller', 'DCRS1 Electronics Cabinet', 'DCRS1 Power Distribution Unit', 'DCRS1 Transformer', and 'DCRS1 Transport Roughing Pump'.

On the right, there is a section titled 'Tool: DCRS1 KLA Mosaic OHT Main Tool' with details: 'Building: MR2 - Montopolis', 'Level: GL - Ground Level', and 'Space: A1-F501 - DRY ETCH'. Below this is a 3D visualization of the tool layout in a facility. At the bottom right, there is a 'DOCUMENTS' section with a list of documents and an 'Open' button.

Fab tool installs run on connection-level detail: services, sizes, flows, pressures, points of connection.

Intemation's organizes that detail by tool, component and space, links it to the Owner's Revit model, and produces install-ready reports. The same data your teams work from during install becomes the Owner's record at turnover.



Tool-to-facility connections

Tool points of connection mapped to facility utilities, with sizes, flows and pressures.



Design package support

We work with Engineers on tool layouts and design packages for fab tool installation.



A clean handoff

A structured, model-linked record delivered at turnover, not a pile of disjointed files.

One platform, two environments, configured to the way your project is delivered.



Tools environment

For semiconductor fabs and tool-intensive labs.

- Tools with their components and support equipment
- Tool points of connection linked to facility utilities
- Tool, connection and distribution reports by building or service



Facilities environment

For campuses, labs and operating buildings.

- Spaces organized by building and level, with room data
- Flexible equipment and asset tracking of any type
- Systems and groupings tied to the spaces they serve

[illegible]

Tool Connection Report

Tool Report

Tool Report

Generated: 9/25/2020 9:00 AM (UTC-06:00 Central Time (US & Canada))

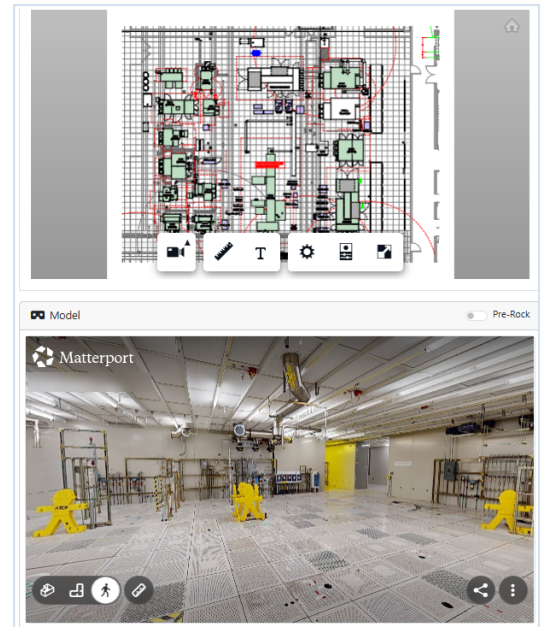
Month(s) : Ground Level : DCR ETL (JA-FSD)

DCR51 KLA MOSaic OHT Main Tool

Tool ID	Manufacturer	Model	Weight	Temperature	Humidity	Vibration	Vibration Criteria	Provided By	Notes
DCR51	KLA	Mosaic OHT						Vendor	

COMPONENT NAME	Manufacturer	Model	Depth	North	Height	Weight	Temperature	Humidity	Vibration Criteria	Provided By	Notes
DCR51 Bedrock Cabinet	KLA	Mosaic OHT	620 304 with doors closed, 1863 (doors open)	413 (doors closed), 632 (doors open)	1180	260				Vendor	
DCR51 KLA Mosaic OHT Driftless Process Module PM2	KLA	Mosaic OHT	1871	917	2303	942				Vendor	
DCR51 KLA Mosaic OHT Driftless Process Module PM1	KLA	Mosaic OHT	1234	2510	2141	803g				Vendor	60mm clearance req.
DCR51 KLA Mosaic OHT Rapid Process Module PM2	KLA	Mosaic OHT	1676	963	2783					Vendor	
DCR51 KLA Mosaic OHT Rapid Process Module PM1	KLA	Mosaic OHT	1871	1008	2303	1144				Vendor	
DCR51 KLA Mosaic OHT Transport	KLA	Mosaic OHT	2326	2031	1661	2286				Vendor	
DCR51 PSI Chiller	SAC	H2210-W5-D	E70 (115 ft with connections)		380	165				Owner	
DCR51 PSI Turb Pump	PhPfr (assumed)	AB044 (assumed)	E12 (-50 ft with connections)		388	845	373			Owner	
DCR51 PSI2 Chiller	SAC	H2210-W5-D	E70 (115 ft with connections)		380	950	165			Vendor	
DCR51 PSI2 Turb Pump	PhPfr (assumed)	AB044 (assumed)	E12 (-50 ft with connections)		388	845	373			Owner	
DCR51 PSI3 Chiller	SAC	H2210-D	E12 (-115 ft with connections)		380	950	175 (1/2 Sig)			Owner	
DCR51 PSI3 Turb Pump	PhPfr (assumed)	AB044 (assumed)	E12 (-150 ft with connections)		388	845	370			Owner	
DCR51 Inert Distribution Unit	KLA	Mosaic OHT	413 (-115 ft with frame base)		807	2180 (200)				Vendor	FDU to be positioned
DCR51 Transformer	PhPfr (assumed)	AB044 (assumed)	E12 (-150 ft for connection)		388	845	370			Owner	
DCR51 Transport Recharging Pump	PhPfr (assumed)	AB044 (assumed)			388	845	370			Owner	

Reports run live from your system; export to PDF or Excel.



Revit/ACC model and Matterport, side by side.

How we work with you

1 Connect

Stand up your environment, link your ACC project and models, and load existing data.

2 Build

Work alongside Owner, GC and Engineering teams through design and tool install.

3 Turn over

Your operations team starts Day One with a complete, connected digital twin.