

DFS Keeps it Simple

Design

Configurable, tool-specific, standardized modules provide fast and easy integration into virtually any microelectronics tool.

Procurement

Specific tool type model numbers from this catalog simplify your pre-purchases.

Construction

Modules arrive at your site pre-built for easy installation.

About the Process

A Simplified Design Phase

- 3D drawings streamline engineering approval
- 2D submittal facilitates architectural planning and layouts
- Rapid construction start
- Modular systems reduce development costs (14% per tool and 22% overall)

Seamless Integration with Your Procurement Process

- Catalog ordering
- Consistency in design and construction
- Utility Connection Points available before construction starts

Streamlined Construction

- Off-site clean-room prefab reduces costs
- Detailed layout of services taken out of the field (up to 10% to 25% space savings)
- Trades congestion at tool hookup areas minimized
- Parallel hookup construction aligned with Tier 1 tool commissioning
- Delays due to field changes/change orders, schedule issues, and budget overruns reduced
- Shipped proudly with a Union fabrication stamp guaranteeing their acceptance at your job site

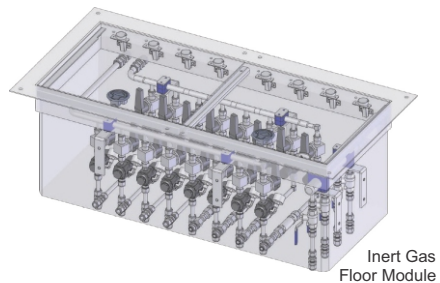
Pre-built and Customized to Your Specific Tool Type

- Flexible and customizable, including the ability to integrate modules into virtually any floor system
- Expandable
- Easy to maintain
- Safe and reliable

Supported Tools

DFS supports tools from industry-leading manufacturers, some of which include:

Applied Materials, ASML, Canon, Lam Research, SCREEN, Nikon, Novellus, KLA-Tencor, TEL and FSI



▼ Select your tool type... ▼ Then, find the standardized modules from DFS

Technology	Company	Description	PCW Floor Module	DI Floor Module	View Tile	Sub-fab Utility Module	Sub-fab DI Utility Module	Vacuum Pump Module
Wafer Cleaner	DNS	Spin Scrubber SS-W60A-AR/ Spin Scrubber SS-W80-AR	X	X		X	X	X
Wafer Cleaner	DNS	Spin Scrubber SS-80BW-AR	X	X		X	X	X
Wafer Cleaner	DNS	Spin Scrubber SS-3000	X	X		X	X	X
Wafer Cleaner	DNS	Spin Scrubber SS-3000BC	X	X		X	X	X
Wafer Cleaner	DNS	Wet Station WS-820L	X	X		X	X	X
Wafer Cleaner	DNS	Wet Station FC-821L	X	X		X	X	X
Wafer Cleaner	DNS	Wet Station FC-3000	X	X		X	X	X
Wafer Cleaner	DNS	Wet Station FC-3100	X	X		X	X	X
Wafer Cleaner	DNS	Spin Processor SP-W813	X	X		X	X	X
Wafer Cleaner	DNS	Spin Processor MP-2000	X	X		X	X	X
Wafer Cleaner	DNS	Spin Processor MP-3000	X	X		X	X	X
Wafer Cleaner	DNS	Spin Processor SU-3000	X	X		X	X	X
Wafer Cleaner	DNS	Spin Processor SU-3100	X	X		X	X	X
Wafer Cleaner	DNS	Post CMP Cleaning AS-2000	X	X		X	X	X
Wafer Cleaner	DNS	Polymer Removal SR-2000	X	X		X	X	X
Wafer Cleaner	DNS	Polymer Removal SR-3000	X	X		X	X	X
Wafer Cleaner	DNS	Polymer Removal SU-3000	X	X		X	X	X
Wafer Cleaner	DNS	Polymer Removal SU-3100	X	X		X	X	X
Annealing System	DNS	LA-830	X	X			X	X
Annealing System	DNS	LA-3000-F	X	X			X	X
Measurement System	DNS	RE-3000/3100	X	X				
Measurement System	DNS	VM-1200 Series	X	X				
Measurement System	DNS	VM-2100/3100	X	X				
Lithography	Nikon Precision	NSR-S610C	X	X		X	X	
Lithography	Nikon Precision	NSR-S609B	X	X		X	X	
Deep UV	Nikon Precision	NSR-S308F	X	X		X	X	
Deep UV	Nikon Precision	NSR-S208D	X	X		X	X	
I-Line	Nikon Precision	NSR-SF150	X	X		X	X	
I-Line	Nikon Precision	NSR-SF140	X	X		X	X	
CMP	Nikon Precision	NPS 2301/3301	X	X		X	X	
Coater/Developer	TEL	Clean Track Lithius/ Clean Track Lithius I+	X	X		X	X	X
Coater/Developer	TEL	Clean Track Act 8/ Clean Track Act 12	X	X		X	X	X
Coater/Developer	TEL	Ectus	X	X		X	X	X
Coater/Developer	TEL	Clean Track Act 8 SOD/ Clean Track Act 12 SOD	X	X		X	X	X
Coater/Developer	TEL	Clean Track Act M	X	X		X	X	X
Etch	TEL	UNITY	X	X	X		X	
Etch	TEL	Tactras	X	X	X		X	
Etch	TEL	Telius	X	X	X		X	
Surface Preparation System	TEL	Expedius/UW200Z - Auto Wet Station	X	X		X	X	X
Surface Preparation System	TEL	Certas - Pre Clean System	X	X		X	X	X
Surface Preparation System	TEL	CELLESTA - Wafer Cleaning System	X	X		X	X	X
Surface Preparation System	TEL	TEL NS300 - Scrubber System	X	X		X	X	X
Surface Preparation System	TEL	SS Series - Scrubber System	X	X		X	X	X
Deposition	TEL	Trias - Single Wafer Deposition	X	X		X	X	X
Deposition	TEL	Trias SPA - Plasma Process System	X	X		X	X	X
Deposition	TEL	Unity-EP - Metal CVD System	X	X		X	X	X

* Products may change due to final tool information or requirements.