

DDS2300 Tier 2

(Rev. 2.00)

Trainee (受講者)	
Company (会社名)	

Period (期間)	
Trainer (トレーナー)	

Module (モジュール)	Page (ページ)	Sign-off (サインオフ欄)		
		Date (日付)	Trainee (受講者)	Trainer (トレーナー)
Day 1				
1. Machine Components and Functions				
1.1. Interpret Machine Outer Covers	2			
1.2. Interpret Axis Sections	5			
1.3. Interpret Safety Interlock Functions	30			
1.4. Interpret Cooling Unit Components	56			
2. Manual Operation				
2.1. Perform Manual Operation	65			
2.2. Remove the Workpiece from the Machine by Hand	89			
3. Device Data				
3.1. Manage the Device Data	102			
3.2. Edit the Device Data	122			
4. Data Maintenance				
4.1. Utilize the Log Viewer	132			
4.2. Set Up the Cooler/Heater/UV Maintenance Data	184			
4.3. Set Up the Function Data	194			
4.4. Back Up/Restore the Machine Data	216			
5. Machine Maintenance				
5.1. Change the Frame Size and Configurations	233			
5.2. Set the Pressure/Flow Rate Monitoring Sensor Threshold	276			
5.3. Adjust Pressure/Flow Rate	290			

Module (モジュール)	Page (ページ)	Sign-off (サインオフ欄)		
		Date (日付)	Trainee (受講者)	Trainer (トレーナー)
6. Engineering Maintenance				
6.1. Utilize the Axis Operation Function	303			
6.2. Utilize the Digital I/O Check Function	311			
6.3. Set Up the User Define Data	329			
6.4. Set Up the Device Data Maintenance	335			
6.5. Set Up the Maintenance Scheduler	348			
Day 2				
7. Maintenance and Periodic Inspection				
7.1. Perform Maintenance of the Ionizers [Optional Accessory]	354			
7.2. Remove Pieces of DAF Tape Dispersed in the Machine	410			
7.3. Perform Maintenance and Inspection Before/After Turning On the Power	445			
7.4. Grease the Cooling Expander Axis	454			
7.5. Grease the Heating Expander Axis	462			
7.6. Grease the Heater Up-Down Axis	470			
7.7. Grease the Elevator Axis	478			
7.8. Grease the Frame Centering Axis	493			
7.9. Grease the Linear Arm Axis	508			
7.10. Grease the Heating Expander Plate Forward-backward Axis	517			
7.11. Grease the Push-pull 1 Forward-backward Axis	527			
7.12. Grease the Push-pull 2 Forward-backward Axis	536			
7.13. Clean the Vacuum Ejector	547			
7.14. Clean the Optical Components (UV Irradiation Unit)	552			
7.15. Calibrate the UV Sensor (UV Irradiation Unit)	554			
Day 3				
8. Consumable Parts Replacement				
8.1. Replace the UV Lamp (UV Irradiation Unit)	561			
8.2. Replace the Consumables for the Air Clean Unit	572			

Module (モジュール)	Page (ページ)	Sign-off (サインオフ欄)		
		Date (日付)	Trainee (受講者)	Trainer (トレーナー)
8.3. Replace the Vacuum Pads for Arm Sections (Linear Arm/Rotary Arm)	588			
8.4. Replace the Silencer (Cooling Unit)	597			
8.5. Replace the Filter Elements (Cooling Unit)	601			
8.6. Replace the Adsorbents (Cooling Unit)	608			
8.7. Replace the Element (AFM) (Cooling Unit)	620			
8.8. Replace the Check Valves (Cooling Unit)	626			
8.9. Replace the Humidity Indicator (Cooling Unit)	632			
8.10. Replace the Solenoid Valves	638			
8.11. Replace the O-ring of the Spinner Table	646			
8.12. Replace the Cold Mirror and the Cold Filter (UV Irradiation Unit)	650			
8.13. Replace the Flow Meter	653			
8.14. Replace the Sequencer Battery (UV Irradiation Unit)	665			
9. Appendix				
9.1. (Appendix) Check Sheet for Daily Inspections and Periodic Maintenance	669			
9.2. (Appendix) Check Sheet for Periodic Replacement	672			
9.3. (Appendix) Check List for Periodic Inspection and Consumable Parts Replacement (Cooling Unit)	675			
9.4. (Appendix) Operating Principles of Heatless Air Dryer (Cooling Unit)	677			
9.5. (Appendix) Piping Diagram (Cooling Unit)	681			

Course composition, intended trainees and course objective

Course Name	Intended Trainees		Course Objective
Tier 1	who operates the machine to process products	→	To enable trainees to understand the terms necessary for operating the machine and to process products by calling up the data set in the machine
Tier 2	- who has already completed the "Tier 1" course (or has equivalent operation skills) - who conducts data and function settings of the machine - who conducts periodic maintenance of the machine	→	- To enable trainees to create the data and set the data and functions for operating the machine - To enable trainees to safely and precisely perform the periodic maintenance and consumable parts replacement described in the Maintenance Manual of the machine
Tier 3	- who has already completed the "Tier 2" course (or has equivalent operation skills) - who conducts maintenance works which are not described in the Maintenance Manual of the machine	→	To enable trainees to conduct maintenance works which are not described in the machine Maintenance Manual (only the items that can be executed without any special tools or access to the internal Maker Data)