1.3 Preventive Maintenance Program List

◆ *INSTRUCTION* ◆

Safety provided by grounding is assured by properly establishing power cable and additional protective ground wire connections and securing the parts with retaining screws. To maintain safety, ensure that the parts and retaining screws removed for servicing purposes are restored to states existing upon installation. After the parts and retaining screws are restored to the above-mentioned states, follow the procedures set forth in this service manual to verify that the retaining screws are securely tightened to properly secure the parts.

Perform the specified preventive maintenance programs at the predefined intervals or when the predefined process count is reached.
The preventive maintenance programs to be performed at various intervals are listed below.

- **Preventive maintenance programs to be performed every year of machine use or whenever a process count of about 60,000 is reached (1Y)**

Reference section	Maintenance program	Time requirements	Periodic replacement parts	Remarks
2.1	Checking the Error Log	1		
3	Checking the Image/ Conveyance	15		
4	Pulling Out the Machine	1		
5.2	Removing the Covers (1 Year Intervals)	4		
8	Checking the Feed/Load Conveyor Unit	4		
8.4.1	Cleaning the Brush Roller	-		
9	Checking the Side-Positioning Conveyor Unit	2		
9.3.1	Cleaning the Cleaning Guide Assembly (1 Year Intervals)	-		
13.1	Removing the Lamp Assembly	10		
14	Checking Lamp Assembly	-		
14.1	Cleaning/Replacing the Lamps	-		#20001 or later
14.2	Cleaning the Filter	-		#20001 or later
14.4	Cleaning the Filter	-		#50001 or later
17	Cleaning/Reinstalling the Covers and Louvers	2		
18	Cleaning/Replacing the Air Filter	3		#20001 or later
19	Securing the Machine	1		
20	Checking the Image/ Conveyance	15		
21	Checking the Laser Performance/Sensitivity			
22	Checking the Error Log	1		

● Preventive maintenance programs to be performed every two years of machine use or whenever a process count of about 120,000 is reached (2Y)

Reference section	Maintenance program	Time requirements	Periodic replacement parts	Remarks
2.1	Checking Error Log	1		
3	Checking the Image/ Conveyance	15		
4	Pulling Out the Machine	1		
5.3	Removing the Covers (2 Year Intervals)	7		
6	Turning OFF the High-Voltage Switch	1		
7	Checking the Cassette Set Unit	15		Cleaning the rubber rollers and suction cups
8	Checking the Feed/Load Conveyor Unit	45		
8.1, 8.2, 8.3	Cleaning the Shock Absorbing Rollers, Guides, and Rubber Rollers	-		
8.4.2	Cleaning/Replacing the Brush Roller	4	Brush rollers (x2)	
9	Checking the Side-Positioning Conveyor Unit	10		
9.2	Cleaning the Guide	-		
9.3.2	Cleaning the Cleaning Guide Assembly (2 Year Intervals)	-		
10	Checking the Post-Reading Conveyor Unit	8		
10.3	Removing the Post-Reading Conveyor Unit	2		
10.4	Cleaning the Guides, Shock Absorbing Rollers, and Rubber Rollers	-		
10.5	Cleaning the Movable Guide Assembly	-		
11	Checking the Subscanning Unit	30		
11.2	Cleaning the Antistatic Brush Assembly	-		
11.5	Cleaning the Glass Guide	30		
11.8	Cleaning the Flywheel and Kapton® Belt	-		
11.9	Cleaning the SUS Belt	-		
12	Checking the Light-Collecting Guide	10		
12.3	Reinstalling the Post-Reading Conveyor Unit	2		
13	Checking the Erasure Conveyor Unit	40		
13.1	Removing the Lamp Assembly	-		
13.3	Cleaning the IP Switchback Assembly	-		
13.4	Cleaning the Reflection Plate Guide and Rubber Rollers	-		
13.5	Cleaning the Shock-Absorbing Roller and Guide	-		
13.7	Cleaning the Rubber Roller and Guide	-		
14	Checking Lamp Assembly	10		
14.1	Cleaning/Replacing the Lamps	-	Lamps (x5)	- It is presumed that the erasure lamps were lit for 1,800 h. - #20001 or later
14.2	Cleaning the Filter	-		#20001 or later
14.4	Cleaning the Filter	-		#50001 or later
15	Cleaning Inside the Machine	3		
16	Turning ON the High-Voltage Switch	1		
17	Cleaning/Reinstalling the Covers and Louvers	10		
18	Cleaning/Replacing the Air Filter	3	Filter (x1)	#20001 or later
19	Securing the Machine	1		
20	Checking the Image/ Conveyance	15		
21	Checking the Laser Performance/ Sensitivity			
22	Checking Error Log	1		
23	Resetting the Erasure Lamp Lighting Time	1		

● Parts to be replaced every two years of machine use or whenever a process count of about 120,000 is reached

Reference section	Parts Name	Parts No.	Qty.	Remarks
8.4.2	Cleaning roller	334N5015B	2	
14.1	Lamp	123N0007	5	
18	Air filter	376N0234	1	#20001 or later

● Preventive maintenance programs to be performed every three years of machine use or whenever a process count of about 180,000 is reached (3Y)

Reference section	Maintenance program	Time requirements	Periodic replacement parts	Remarks
2.1	Checking Error Log	1		
3	Checking the Image/ Conveyance	15		
4	Pulling Out the Machine	1		
5.4	Removing the Covers (3 Year Intervals)	4		#20001 or later
5.5	Removing the Covers (3 Year Intervals : #50001 or later)	2		#50001 or later
6	Turning OFF the High-Voltage Switch	1		
7.3	Replacing the IP Suction Pumps (#50001 or Later)	15	Pump (x4)	#50001 or later *1
8	Checking the Feed/Load Conveyor Unit	4		
8.4.1	Cleaning the Brush Roller	-		#20001 or later
8.4.2	Cleaning the Brush Roller	-		#50001 or later
9	Checking the Side-Positioning Conveyor Unit			
9.3.3	Replacing the Cleaning Guide	10	Guide (x2)	
11.10	Reinstalling the Side-Positioning Conveyor Unit	2		
13.1	Removing the Lamp Assembly	-		
14	Checking Lamp Assembly	10		
14.1	Cleaning/Replacing the Lamps	-		#20001 or later
14.3	Replacing the Filter	-	Filter (x1)	#20001 or later
14.5	Replacing the Lamp Assembly	-		#50001 or later
14.6	Reinstalling the Lamp Assembly	-		
16	Turning ON the High-Voltage Switch	1		
17	Cleaning/Reinstalling the Covers and Louvers	4		
18	Cleaning/Replacing the Air Filter	3		#20001 or later
19	Securing the Machine	1		
20	Checking the Image/ Conveyance	15		
21	Checking the Laser Performance/ Sensitivity			
22	Checking Error Log	1		
24	Reset the number that the pumps are used	1		

*1: Replace the IP suction pumps when either one of the following conditions is met.
- Every three years
- When process count reaches the number set in CONDITION OF PUMP LIFE under EDIT CONFIGURATION.
  When CONDITION OF PUMP LIFE is set to "NO DISP", 180,000 process counts is the condition. In other cases, the set number of the process count is the condition.

● Parts to be replaced every three years of machine use or whenever a process count of about 180,000 is reached

Reference section	Parts Name	Parts No.	Qty.	Remarks
7.3	Pump	133Y2034	4	Pump
9.3.3	Guide	363Y0460	1	Side-positioning conveyor unit (surface side)
		363Y0461	1	Side-positioning conveyor unit (back side)
14.3	Filter	603Y0066	1	Erasure filter
14.5	Lamp case (Lamp Assembly)	840Y100201	1	Lamp case (Lamp Assembly)