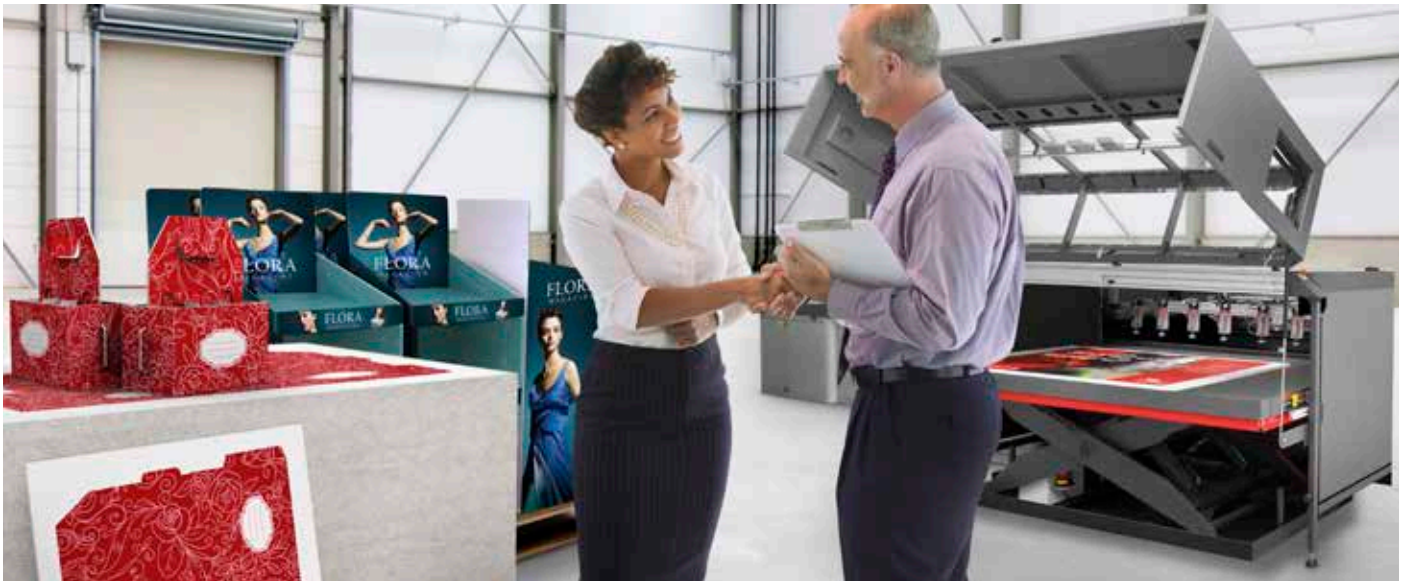
Data sheet

HP Preventive Maintenance Support Service

For HP Scitex FB7X00 Series



Required Personnel

One HP certified service engineer

Required Time

One day onsite

Required Tools

Standard

Frequency of Procedure

Twice a year depending on printing volumes and shifts.

Overview

HP Preventive Maintenance service is a comprehensive support solution that helps you maintain your HP printing equipment for maximum productivity and utilisation and sustained top print quality.

This document describes the guidelines for performing Preventive Maintenance visit for an HP Scitex FB7X00 series.

General equipment testing before starting

The starting point of the onsite preventive maintenance visit is two tests performed by the HP customer engineer:

The first test includes printing of test files that allow the HP engineer to analyse the press/printer nozzle status and capture the overall print head status. The second test includes the printing of a reference file that allows the HP engineer to detect system issues.



Preventive Maintenance Kit - CX190-00950 for HP Scitex FB7X00 Series

Kit Description & Content

HP Scitex FB7X00 Series Preventive Maintenance Kit

Number	Description	Qty
CW906-60897	INK FILTER FOR REPLACEMENT(QTY=6)	2
CW906-61764	SUCTION CUP ASSY(QTY=4)	3
CW944-00030	AIR FILTER MATERIAL 4 UV RADIATOR(QTY=2)	1
CW980-00158	DRUM SCRAPER & 5 BLADES	2
CW980-00465	FILTER AIR (FINE)(QTY=4)	2
CW980-00513	TOOL FOR HOLES WITH DRILL 1MM(QTY=6)	2

Procedures

The preventive maintenance procedure should be performed in accordance with the HP Scitex FB7X00 Series Operator Manual. Following are the steps involved:

- **Step 1** - HP engineer's preventive mandatory maintenance activities
- **Step 2** - HP engineer's preventive optional maintenance activities (not mandatory)
- **Step 3** – Press/printer operator maintenance activities



Step 1 - HP engineer's preventive mandatory maintenance activities

No	Activity	Duration (Min)
1	Testing earth leakage in the UV electrical cabinet	5
2	Visual checks and general cleaning:	
	Ink leakage: bridge area, ink system area	10
	Water leakage: main water tank area, bridge area, UV water system	15
	Verifying the air pressure in the pneumatic system	5
	Checking the water level in the UV system	5
	Cleaning the vacuum knife	20
	Checking the HT contactors counter in the UV system	5
	Cleaning the UV cooler water filter	15
	Checking the Z-axis shaft coupling	10
3	VCU Checkup: • Checking the integrity of the VCU bearings • Checking the integrity of the belt • Checking the integrity of the VCU profile • Checking the integrity of the VCU rod-eye • Checking if there is grease on the VCU rod-eye	30
4	Lubricating the linear bearings and the X encoder bearing	30
5	Checking the external shutter	10
6	Replacing the ink filters	60
7	Checking the load cells functionality	10
8	Checking the Bridge Height	10
9	Replacing the UV lamp housing filters	10
10	Checking the Rising Media detectors adjustment	10
11	Cleaning UV cooler filter	10
12	Replacing UV cooler water – once a year	15
13	Run up-to-date Anti-Virus	5
14	Checking that UV pressure switch isn't bypassed	5
15	Run a full Print Care diagnostics	40
16	Lubricating the Y motor lead screw	10
17	Lubricating the tow Z couplings	10

Step 2 - HP engineer's preventive optional maintenance activities (not mandatory)

No	Activity	Duration (Min)
1	Cleaning the UV cooler radiators	15
2	Checking the gas springs	10
3	Inspecting the print heads and the guards area and cleaning it if required	20
4	Checking if the print heads guards for damage	10

Step 3 – Press operator maintenance activities

These activities are part of the regular operator maintenance. HP engineer is responsible to check with the operator if it has been done.

Note: If maintenance procedures listed above were not followed by operator, HP engineer may perform it if time allows.

No	Activity	Duration (Min)
1	Visual checks and general cleaning:	
	Quartz filter cleanliness	15
	Cleaning the vacuum table and check if its holes are open	60
	Checking the loading/unloading suction cups	15
	Cleaning the rising media flaps	15
	Cleaning the printing bridge	60
	Cleaning the UV lamp reflectors	10
2	Replacing the UV lamp according to the counter	20
3	Perform Missing Nozzles Compensation (MNC)	60

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