



Videojet 2380

Illustrated Parts Breakdown

P/N 463449-01
Revision AA, February 2024

Copyright February 2024, Videojet Technologies Inc. (herein referred to as Videojet).
All rights reserved.

This document is the property of Videojet Technologies Inc. and contains confidential and proprietary information owned by Videojet. Any unauthorized copying, use or disclosure of it without the prior written permission of Videojet is strictly prohibited.

Videojet Technologies Inc.

1500 Mittel Boulevard
Wood Dale, IL
60191-1073 USA
www.videojet.com

Phone: 1-800-843-3610
Fax: 1-800-582-1343
Int'l Fax: 630-616-3629

Offices - USA: Atlanta, Chicago, Los Angeles, Philadelphia
INT'L: Canada, France, Germany, Ireland, Japan, Spain,
Singapore, The Netherlands, The United Kingdom
Distributors Worldwide

Table of Contents

Section 1 Introduction	1-1
1.1 About this Guide	1-1
1.2 Ordering Parts, Accessories, and Supplies	1-1
1.2.1 To Order by Telephone.....	1-1
Section 2 Illustrated Parts List	2-1
2.1 How to Read the IPL.....	2-1
2.1.1 Illustrations.....	2-1
2.1.2 Labeling	2-1
2.2 Videojet 2380 Printer Parts	2-2
2.3 Accessories	2-27
2.3.1 Bracketry	2-27
2.3.2 Swing Arm	2-28
2.3.3 Cables	2-28
2.4 Maintenance Consumables	2-29
2.4.1 Miscellaneous	2-29
2.5 Mains Cables	2-30

Section 1 Introduction

1.1 About this Guide

This manual shows the replacement parts, and accessories, that are available for the Videojet 2380 printer.

Products described in this manual, and products that can be used with the system, are subject to continuous improvement and may change without notice.

The Illustrated Parts Breakdown is intended for use only by qualified Videojet service personnel, and those customers who are qualified trained service or maintenance personnel.

WARNING

PERSONAL INJURY.

Only trained service or maintenance personnel should perform the installation or replacement procedures. Qualified personnel are those who have successfully completed the training courses, have sufficient experience with this equipment, and are aware of the potential hazards to which they will be exposed.

1.2 Ordering Parts, Accessories, and Supplies

For your convenience, you can order replacement parts, accessories, and supplies from Videojet by telephone, or through our Internet ordering service. Please have the following information available to ensure quick, easy, and accurate service.

- Your customer number
- Your name and telephone number
- Your P.O. (Purchase Order) number
- Your preferred method of delivery
- Printer model and serial number
- The part number and quantity of all items required

1.2.1 To Order by Telephone

Call Videojet at 1-800-843-3610 (within the United States only) and speak to our Customer Service Representatives. Outside the U.S., local contact details will be available from the website www.videojet.com. Telephone hours are 7:00 a.m. to 7:00 p.m. (telephone hours might change), Monday to Friday (Central Standard or Daylight Time). In emergencies, please contact our 24 - hour Technical Assistance Department at the same telephone number.

Section 2 Illustrated Parts List

The Illustrated Part List (IPL) contains the illustrations and the parts lists for the different assemblies in the printer. The parts lists give the part numbers, description and quantity of all the items and the modules in the printer. You can order the items and the modules for which the part numbers are given.

This manual contains the following informations:

- How to Read the IPL
- Videojet 2380 Printer Parts

2.1 How to Read the IPL

This section describes how the higher assemblies are broken down to their related sub assemblies and other separate parts.

2.1.1 Illustrations

Table 1 shows the symbols used to indicate the different levels of main assemblies in a printer, and the sub assemblies under the main assembly.

Assembly	Symbol
Main Assembly	→ 
Sub Assembly 1	→ 
Sub Assembly 2	→ 

Table 1: Symbols Representation - Assemblies

2.1.2 Labeling

A letter is assigned to the main assemblies of a printer and a number is assigned to each sub assembly under the main assembly.

For example: If A, B, C and D identify the main assemblies of a printer, then letter-number sequence A1, A2 and so on identify sub assemblies below each main assembly in a sequence.

- The letters "I" and "O" are not used to avoid confusion with the numbers 1 and 0.

2.2 Videojet 2380 Printer Parts

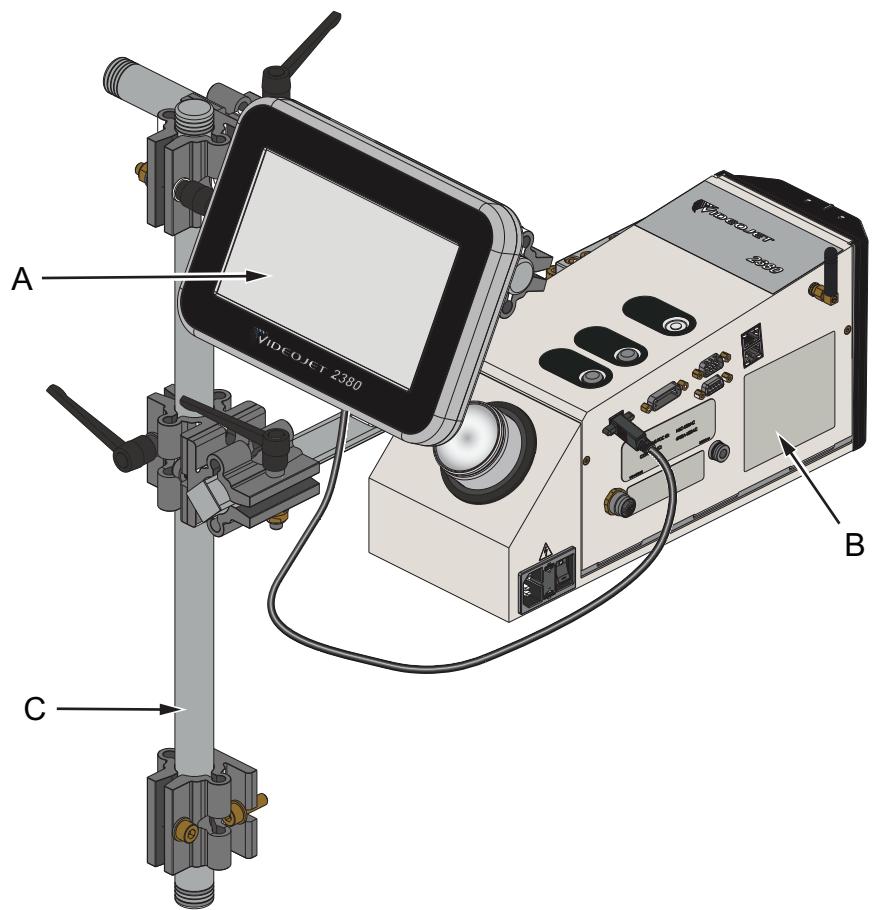


Figure 1: Main Parts of the Printer

Item	Descriptions	Sub-assembly
A	Touch Screen Display Unit	Refer to Table 3
B	Printer	Refer to Table 4
C*	Air Regulator Assembly	Refer to Table 22
D	Stand Assembly (Single Printer)	Refer to Table 24
	Stand Assembly (Dual Printer)	Refer to Table 25

Table 2: Videojet 2380 Printer Assemblies

* Item not shown in Figure

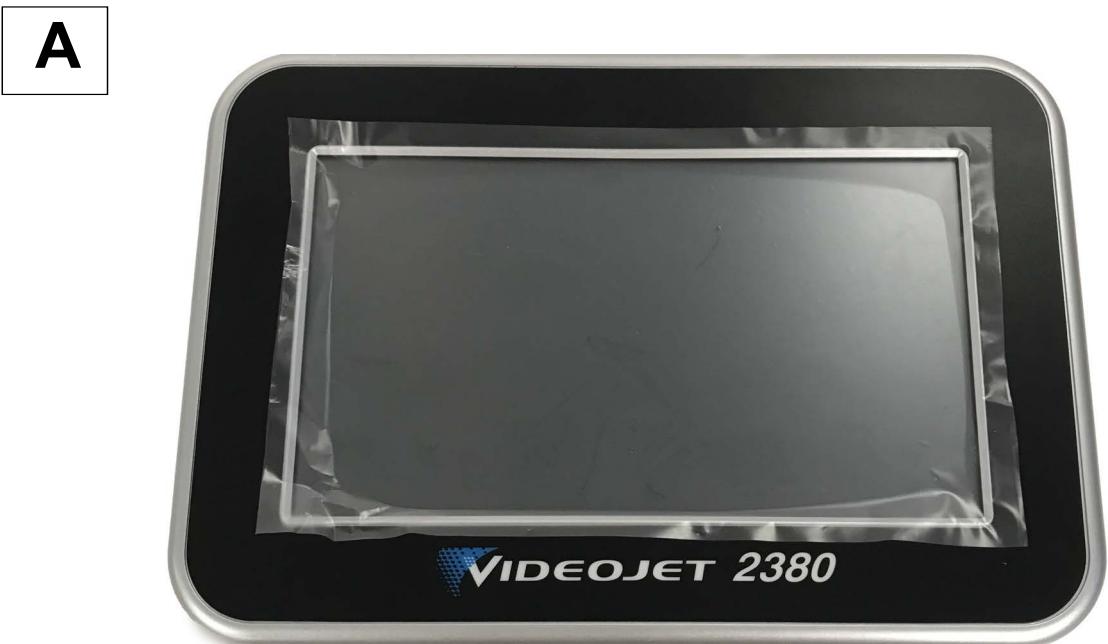


Figure 2: Touch Screen Display Unit

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		Touch Screen Assembly		
1	383769	Touch Screen Display	1	
2*	388327 (1 m) 388288 (3 m) 388328 (7.62 m)	Display Cable	1	

Table 3: Touch Screen Display Parts List

* Item not shown in Figure

Illustrated Parts List

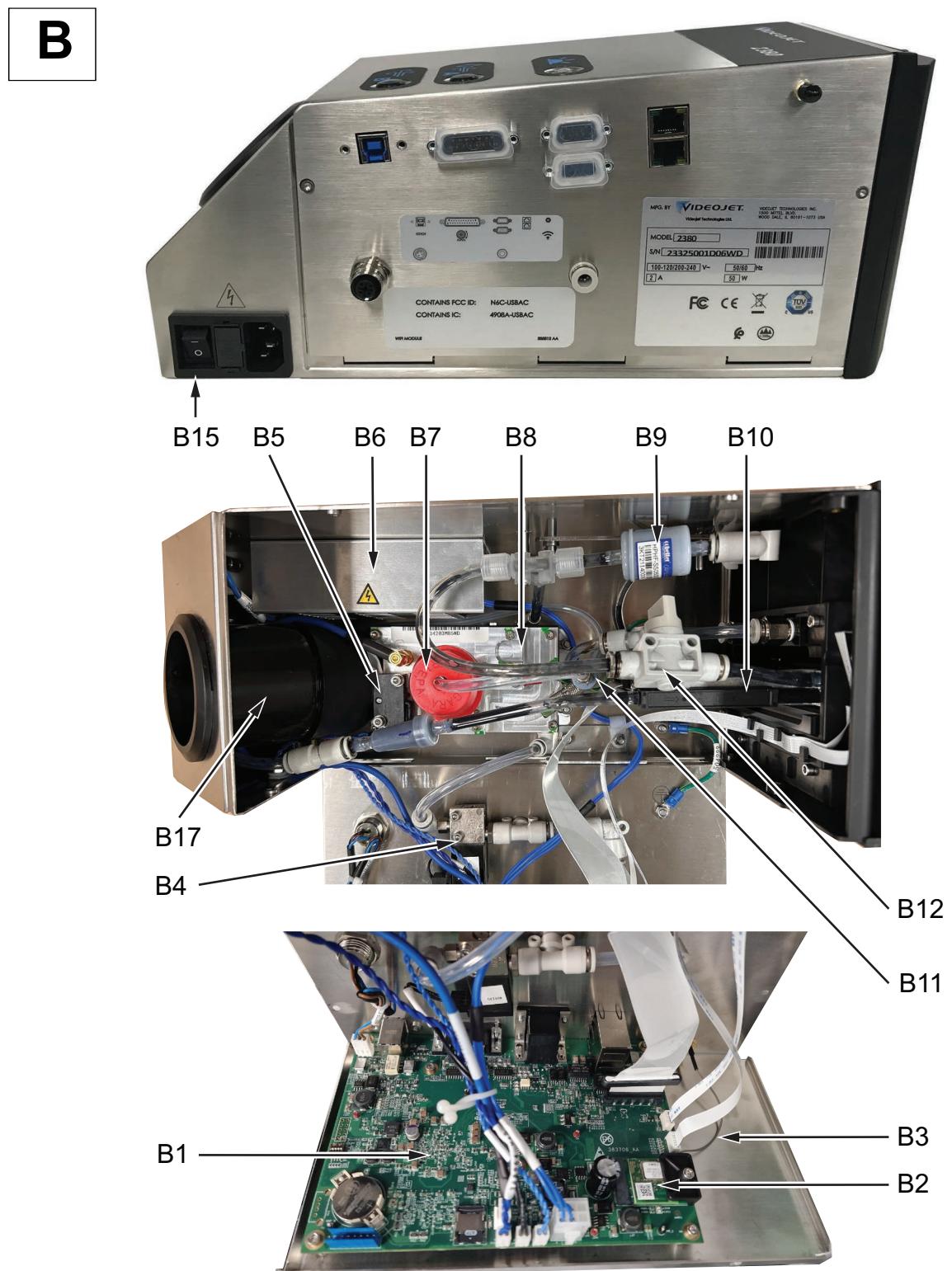


Figure 3: Printer Assemblies

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B1	383761	Main Control Board Assembly		Refer to Table 5
B2	383767	Wi-Fi Module Assembly		Refer to Table 6
B3	383788	Wi-Fi Antenna		Refer to Table 7
B4	383756	Air Valve Assembly		Refer to Table 8
B5	402253	Can Present Microswitch		Refer to Table 9
B6	383763	Power Supply Assembly		Refer to Table 10
B7	402250	Vent Cap		Refer to Table 11
B8	383755	Monoblock Assembly		Refer to Table 13
B9	383751	Ink Reclaim Filter		Refer to Table 14
B10	383768	Printhead Assembly		Refer to Table 15
B11	402286	Reservoir Air Filter		Refer to Table 16
B12	383757	Ink Valve Assembly		Refer to Table 17
B13*	383758	Product Sensor		Refer to Table 18
B14*	385891	Gyrometer		Refer to Table 18
B15	406002	Power Switch		Refer to Table 19
B16*	383764	Front Enclosure		Refer to Table 20
B17	383790	Trim Ring		Refer to Table 21

Table 4: Printer Assemblies

* Item not shown in Figure

Illustrated Parts List

B1

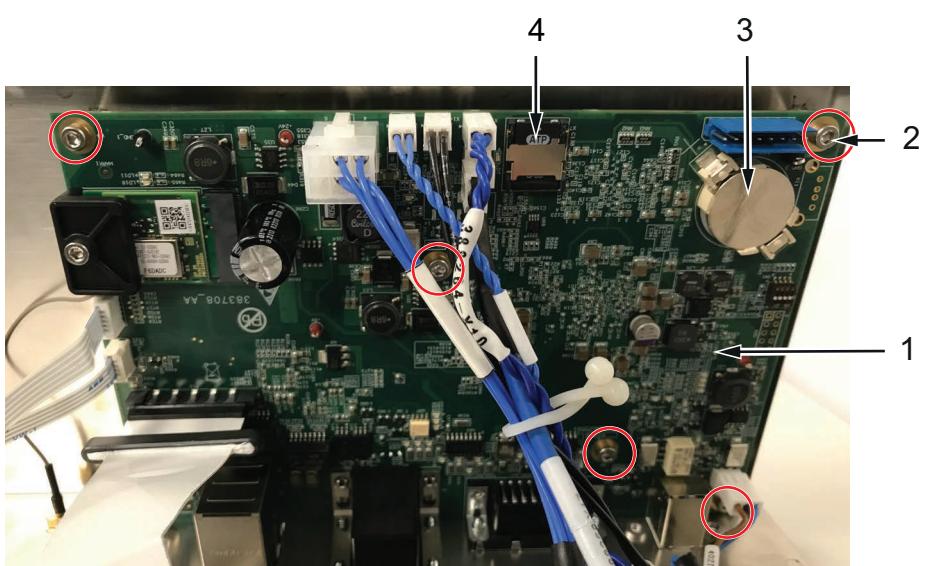


Figure 4: Main Control Board

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B1	383761	Main Control Board Assembly		
1		Main Controller Board (MCB)	1	
2		Socket-head Cap Screw	6	
3	SP234609	Battery	1	
4	383760	Micro SD Card Spare	1	

Table 5: Main Control Board

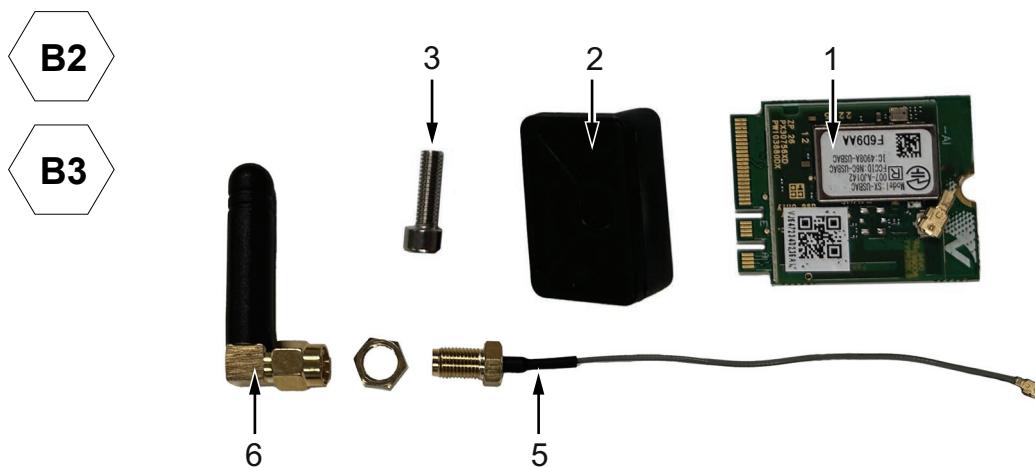


Figure 5: Wi-Fi Module Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B2	383767	Wi-Fi Module Assembly		
1		Wi-Fi Module	1	
2		Retaining Clamp	1	
3		Socket-head Cap Screw	1	
4*		Wi-Fi Label	1	
5	383788	Internal Antenna Cable	1	
6	383788	External Antenna	1	

Table 6: Wi-Fi Module Assembly

* Item not shown in Figure

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B3	383788	Wi-Fi Antenna		
5		Internal Antenna Cable	1	
6		External Antenna	1	

Table 7: Wi-Fi Antenna

Illustrated Parts List

B4

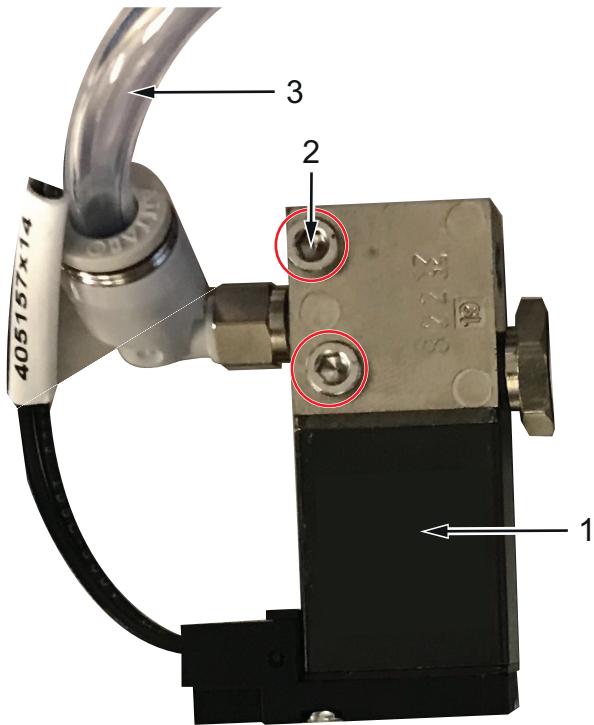


Figure 6: Air Valve Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B4	383756	Air Valve Assembly		
1		Air Valve	1	
2		Screw	2	
3		Tubing	0.045 m	

Table 8: Air Valve Assembly

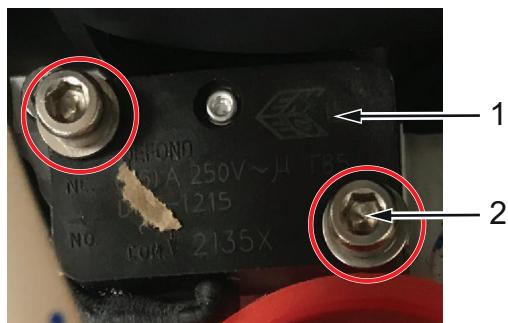
B5

Figure 7: Can Present MicroSwitch Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B5	402253	Can Present MicroSwitch Assembly		
1		MicroSwitch	1	
2		Screw	2	

Table 9: Can Present MicroSwitch Assembly

B6



Figure 8: Power Supply Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B6	383763	Power Supply Assembly		
1		Power Supply	1	
2*		Screw	4	

Table 10: Power Supply Assembly

* Item not shown in Figure

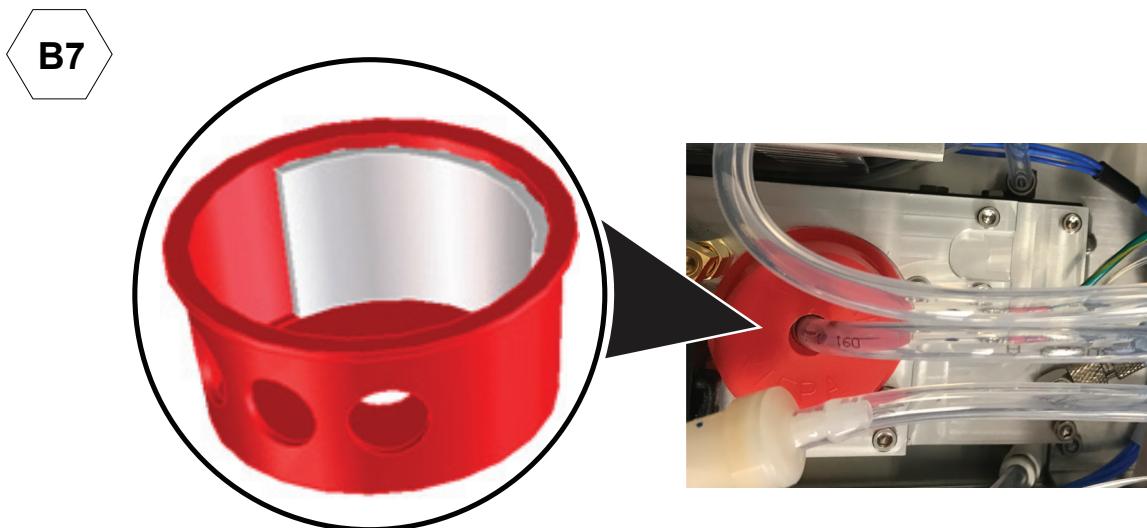


Figure 9: Vent Cap

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B7	402250	Vent Cap	1	

Table 11: Vent Cap



Figure 10: Vent Fitting

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
	402595	Vent Fitting	5	
	701061	Tube Fitting Plug	1	

Table 12: Vent Fittings

B8

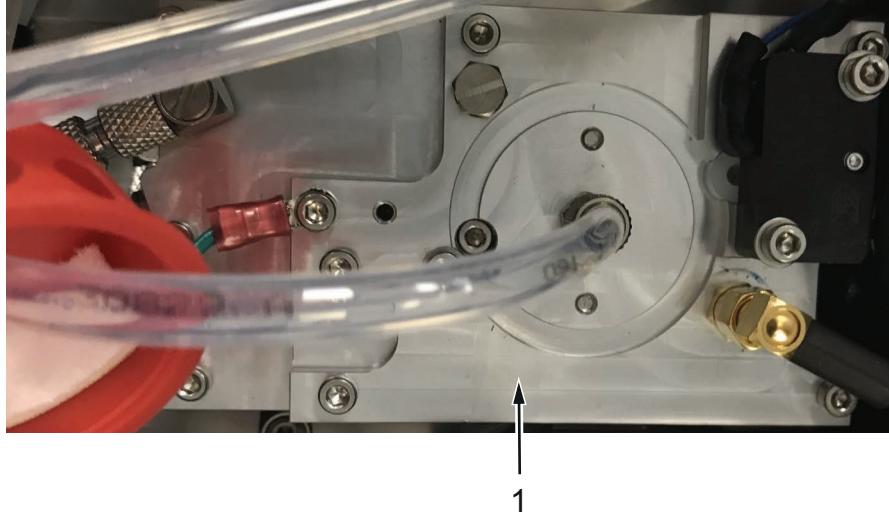


Figure 11: Monoblock Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B8	383755	Monoblock Assembly		
1		Monoblock	1	

Table 13: Monoblock Assembly

B9

Figure 12: Ink Reclaim Filter

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B9	383751	Ink Reclaim Filter		
1		Filter	1	
2		Tubing (0.025 m)	2	

Table 14: Ink Reclaim Filter

B10



Figure 13: Printhead Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B10		Printhead Assembly		
1	383768	Printhead	1	
2	388346	Printhead Cable	1	

Table 15: Printhead Assembly

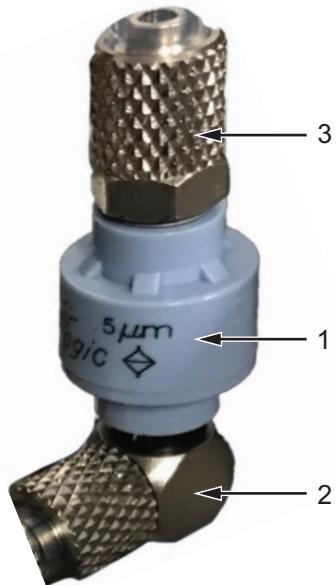
B11

Figure 14: Reservoir Air Filter Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B11	402286	Reservoir Air Filter Assembly		
1		Filter	1	
2		Hose Elbow Male	1	
3		Hose Nipple Male	1	

Table 16: Reservoir Air Filter Assembly

B12

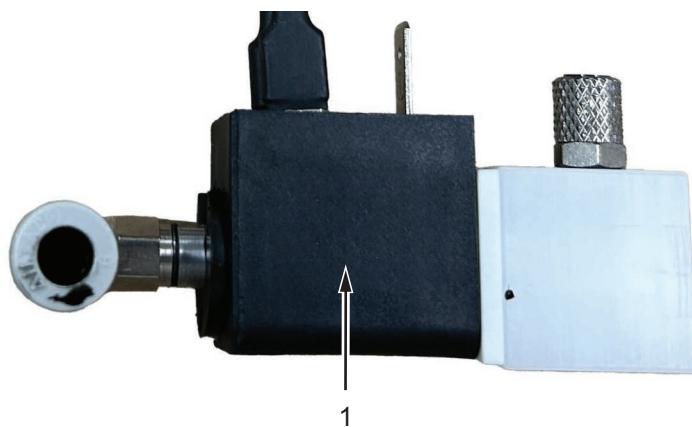


Figure 15: Ink Valve Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B12	383757	Ink Valve Assembly		
1		Ink Valve	1	

Table 17: Ink Valve Assembly

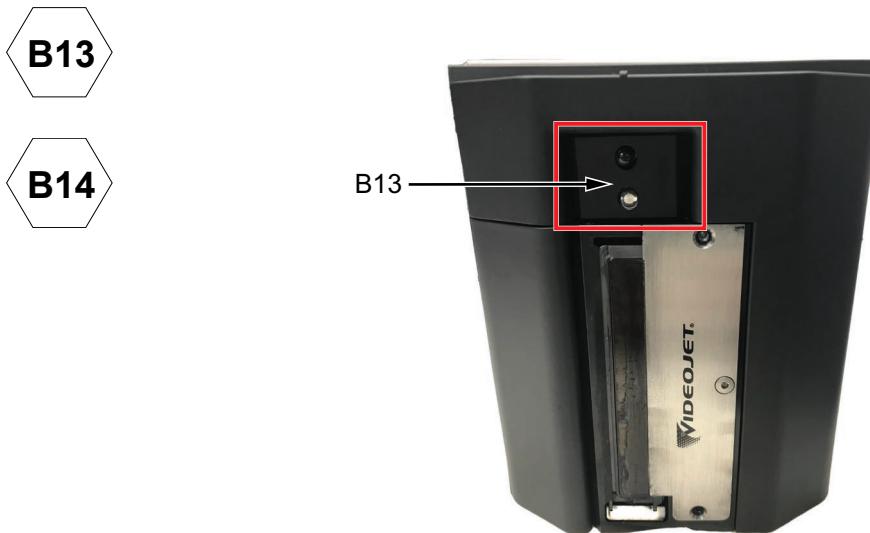


Figure 16: Product Sensor

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B13	383758	Product Sensor	1	
B14*	385891	Gyrometer		
1		PCB	1	
2		Cable	1	

Table 18: Product Sensor

* Item not shown in Figure

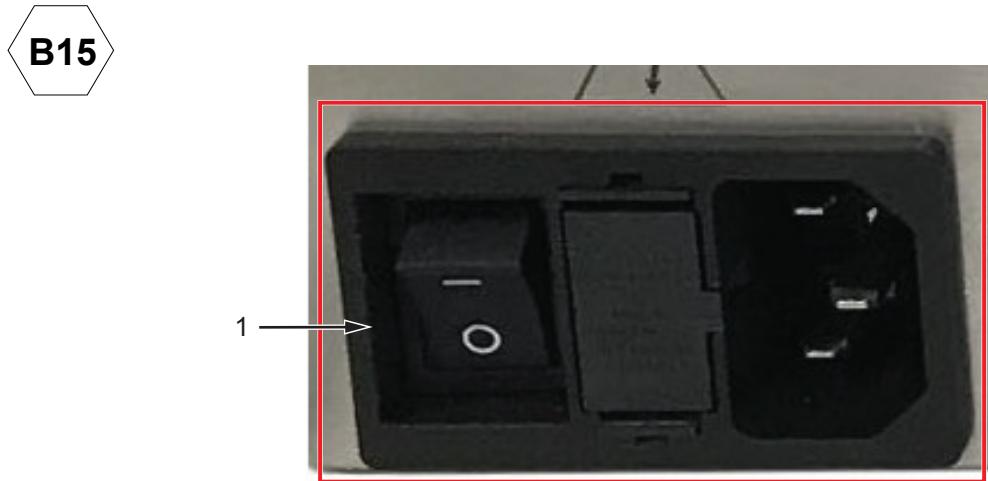


Figure 17: Power Switch

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B15		Power Switch		
1	406002	Power Switch	1	
2*	402252	5A Fuse	5	

Table 19: Power Switch

* Item not shown in Figure

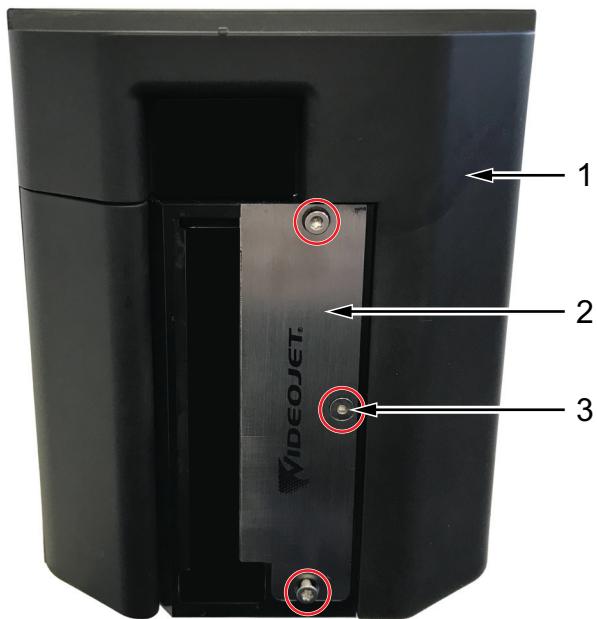
B16

Figure 18: Front Enclosure

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B16	383764	Front Enclosure		
1		Front Panel	1	
2		Knife edge	1	
3		Screw	3	
4*		Screw	8	

Table 20: Front Enclosure

* Item not shown in Figure

B17

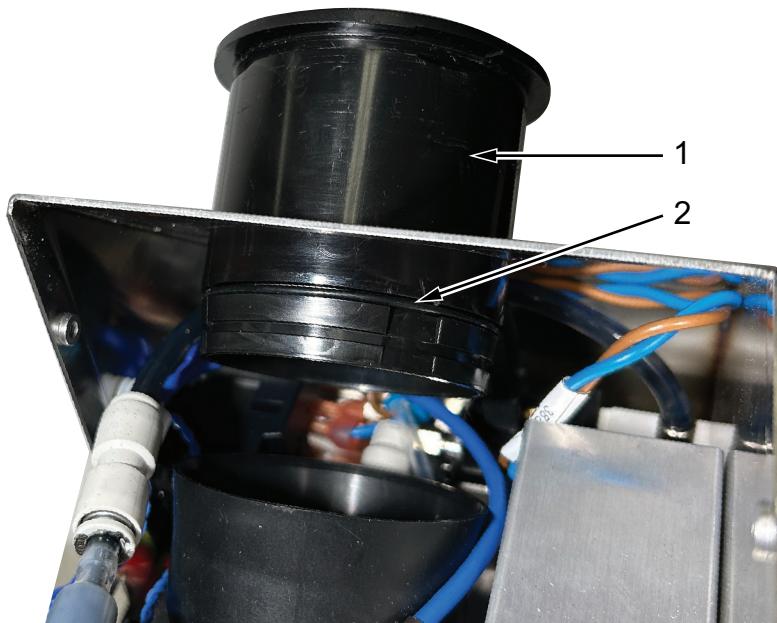


Figure 19: Trim Ring

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B17	383790	Trim Ring		
1		Trim Ring	1	
2		O-ring	1	

Table 21: Trim Ring

C

Figure 20: Air Regulator Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
C		Air Regulator Assembly		
C1	383762	Air Regulator		
C2	383752	Filters		Refer to Table 23

Table 22: Air Regulator Assembly

C2

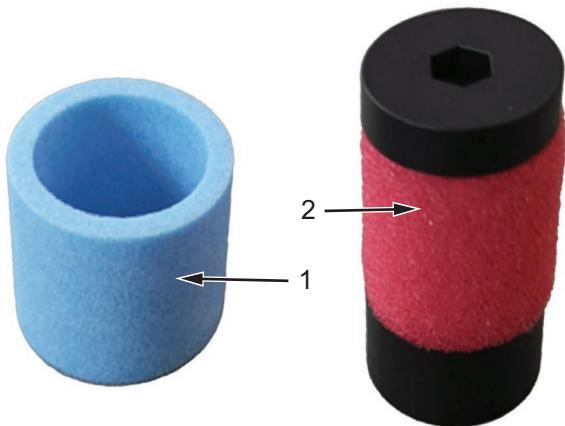


Figure 21: Air Regulator Filters

Item	Part Number	Descriptions	Quantity	Sub-assembly
C		Air Regulator		
C2	383752	Air Regulator Filters		
1		Filter 1	1	
2		Filter 2	1	

Table 23: Air Regulator Filters

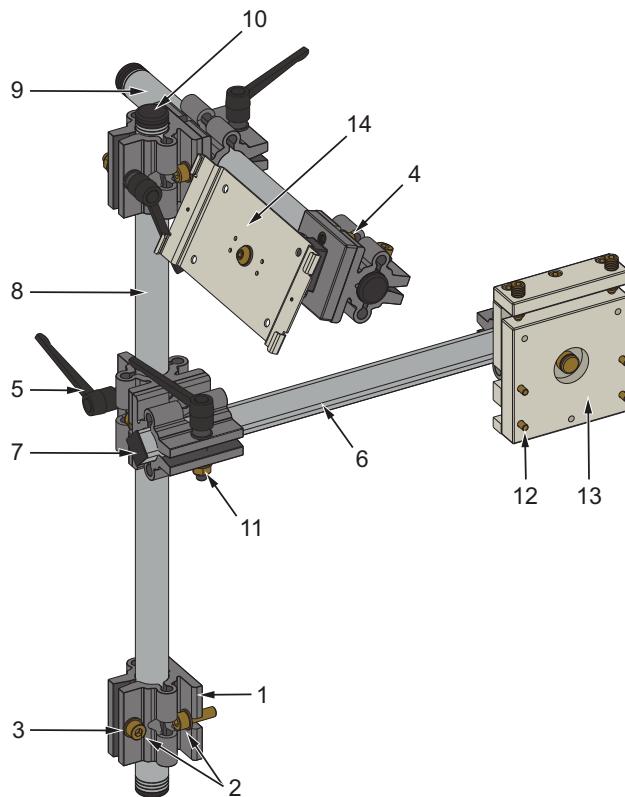
D

Figure 22: Stand Assembly (Single Printer)

Item	Part Number	Descriptions	Quantity	Sub-assembly
D	383777	Stand Assembly (Single Printer)		
1		Clamp	7	
2		Screw	5	
3		Washer	21	
4		Screw	8	
5		Ratchet Handle	4	
6		Square Tube	1	
7		Square Tubing Plug	2	
8		Tubing (580 mm Long)	1	
9		Tubing (360 mm Long)	1	
10		Plug	4	
11		Lock Nut	4	
12		Screw	4	
13	383792	Adjustable Printer Bracket	1	Refer to Table 26
14	383770	Display Bracket	1	Refer to Table 27

Table 24: Stand Assembly (Single Printer)

Illustrated Parts List

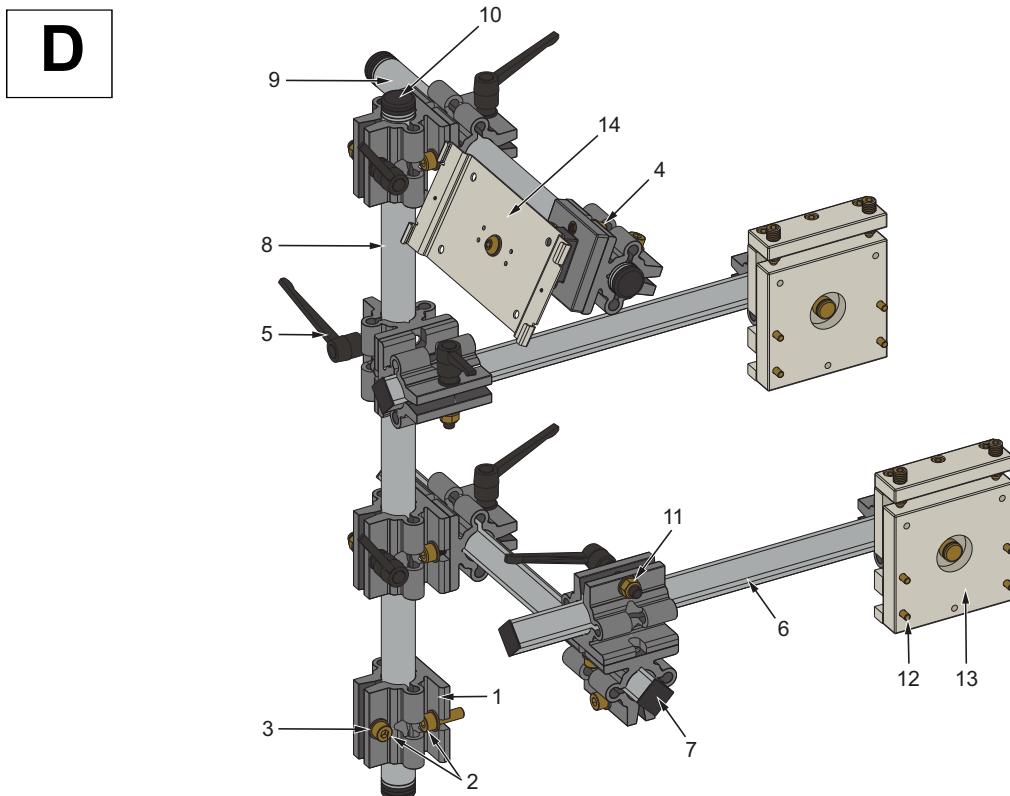
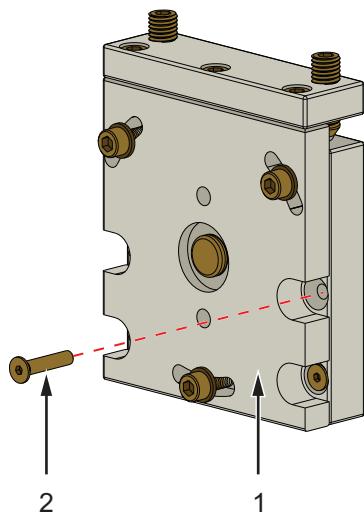


Figure 23: Stand Assembly (Dual Printer)

Item	Part Number	Descriptions	Quantity	Sub-assembly
D	383778	Stand Assembly (Dual Printer)		
1		Clamp	12	
2		Screw	9	
3		Washer	35	
4		Screw	14	
5		Ratchet Handle	7	
6		Square Tube	3	
7		Square Tubing Plug	6	
8		Tubing (580 mm Long)	2	
9		Tubing (360 mm Long)	1	
10		Plug	6	
11		Lock Nut	7	
12		Screw	8	
13	383792	Adjustable Printer Bracket	2	Refer to Table 26
14	383770	Display Bracket	1	Refer to Table 27

Table 25: Stand Assembly (Dual Printer)

D1*Figure 24: Adjustable Printer Bracket*

Item	Part Number	Descriptions	Quantity	Sub-assembly
D		Stand Assembly		
D1	383792	Adjustable Printer Bracket		
1		Adjustable Printer Bracket	1	
2		Screw	4	

Table 26: Adjustable Printer Bracket

Illustrated Parts List

D2

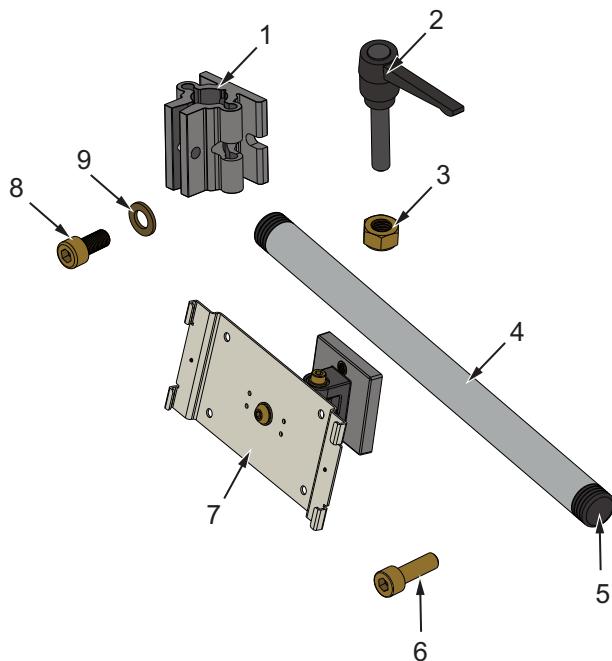


Figure 25: Display Bracket

Item	Part Number	Descriptions	Quantity	Sub-assembly
D		Stand Assembly		
D2	383770	Display Bracket		
1		Clamp	3	
2		Ratchet Handle	2	
3		Lock Nut	2	
4		Tubing (360 mm Long)	1	
5		Plug	2	
6		Screw	1	
7		Display Bracket	1	
8		Screw	4	
9		Washer	9	

Table 27: Display Bracket

2.3 Accessories

Part Number	Descriptions
404459	Alarm Beacon Assembly (with cable)
MS0965-USB	Hand Held Scanner
402276	Product Sensor - Diffused (cable included)
402277	Product Sensor - Retro Reflective (cable included)
702512	3 m Screened Product Sensor Cable
402175	Remote Pack Sensor Cable Assembly
702392	M16 Half Nut
402275	Encoder (includes encoder, cable, wheel and mounting bracket)
402291	Encoder (only)
402714	Encoder Wheels (5 off)
401339	Encoder O-Rings (10 off)
701183	Encoder Bracket Spring

Table 28: Accessories

2.3.1 Bracketry

Part Number	Descriptions
383777	Stand, 2380 Printer
383778	Stand, 2380 Two Printer
IJFLS13615	Equipment 5 ft Flex Link Stand
383747	Flex Stand Horizontal Arm - Display
383748	Flex Stand Horizontal Arm - Printer
383776	Stand Extension Hardware
RP26014	0.875 inch x 15 inch Square Tube
RP28800	Parallel/Perpendicular Mtg Clamp
RP28801	Cross/Right Angle Clamp
383792	Adjustable Printer Bracket
383770	Display Bracket

Table 29: Braketry

Illustrated Parts List

2.3.2 Swing Arm

Part Number	Descriptions
383774	Swing Arm Bracket
383789	Swing Arm Spring Assembly
404424	Swing Arm Guard Plate
404426	Swing Arm Spring

Table 30: Swing Arm

2.3.3 Cables

Part Number	Descriptions
388327	Display USB Cable, 1 m
388288	Display USB Cable, 3 m
388328	Display USB Cable, 7.62 m
388325	Ethernet CAT5 Cable, 1 m
388326	Ethernet CAT5 Cable, 3 m
388295	Ethernet CAT5 Cable, 7.62 m
388323	Leader-Follower Cable, 1 m
388324	Leader-Follower Cable, 3 m
388285	Leader-Follower Cable, 7.62 m
388314	Sensor FFC Cable
388346	PH to MCB Flex Cable
402274	15 Way I/O Cable
504217	15 Way IO/Encoder Cable
400720	Null Modem Serial Cable

Table 31: Cables

2.4 Maintenance Consumables

Part Number	Descriptions	Quantity
383754	Cleaning Consumables	1
36466	Debris Collector Pad	6
405006	Swabs - Large and Small	200
29805A	Cleanwipe Cloth 4x4	50
36001	In-line Ink Filter Assembly	1
383753	Maintenance Assembly, includes:	
383751	Ink Reclaim Filter	1
383752	Air Regulator Filters	1
402286	Reservoir Air Filter	1
402250	Vent Cap	1

Table 32: Maintenance Consumables

2.4.1 Miscellaneous

Part Number	Descriptions
383766	Tubing
383759	Hardware
36445	Shipping/Priming Cap Assembly
702412	Ink Can 105 mm

Table 33: Miscellaneous

2.5 Mains Cables

Part Number	Descriptions
703158	Mains Power Cable, Type NEMA 5-15P
SP383871	Mains Power Cable, Type N
SP383872	Mains Power Cable, Type G
SP383873	Mains Power Cable, Type D
SP383874	Mains Power Cable, Type CEE 7/7
SP383875	Mains Power Cable, Type B
SP383889	Mains Power Cable, Type I
SP388376	Mains Power Cable, Type J
SP388377	Mains Power Cable, Type K
SP388378	Mains Power Cable, Type L
SP388379	Mains Power Cable, Type CEE 7/7 - Norwegian
SP388380	Mains Power Cable, Type CEE 7/7 - Finnish
SP388381	Mains Power Cable, Type CEE 7/7 - Swedish
SP388382	Mains Power Cable, Type M
SP388383	Mains Power Cable, Type H
SP388384	Mains Power Cable, Type I - Australia/New Zealand

Table 34: Mains Cables