

CIJ Accessory Guide (1000 and Simplicity Lines)

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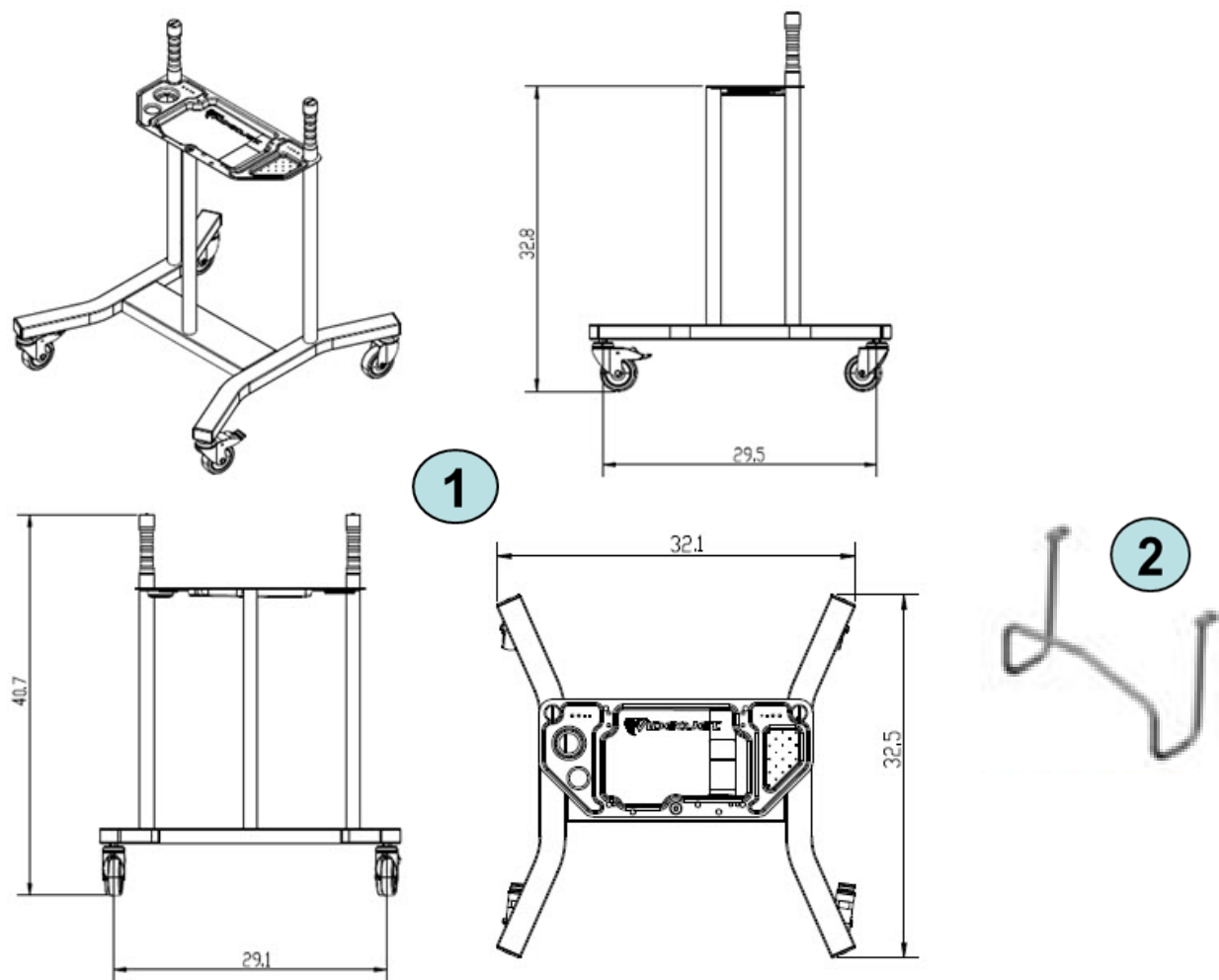
Revision AA



Revisions

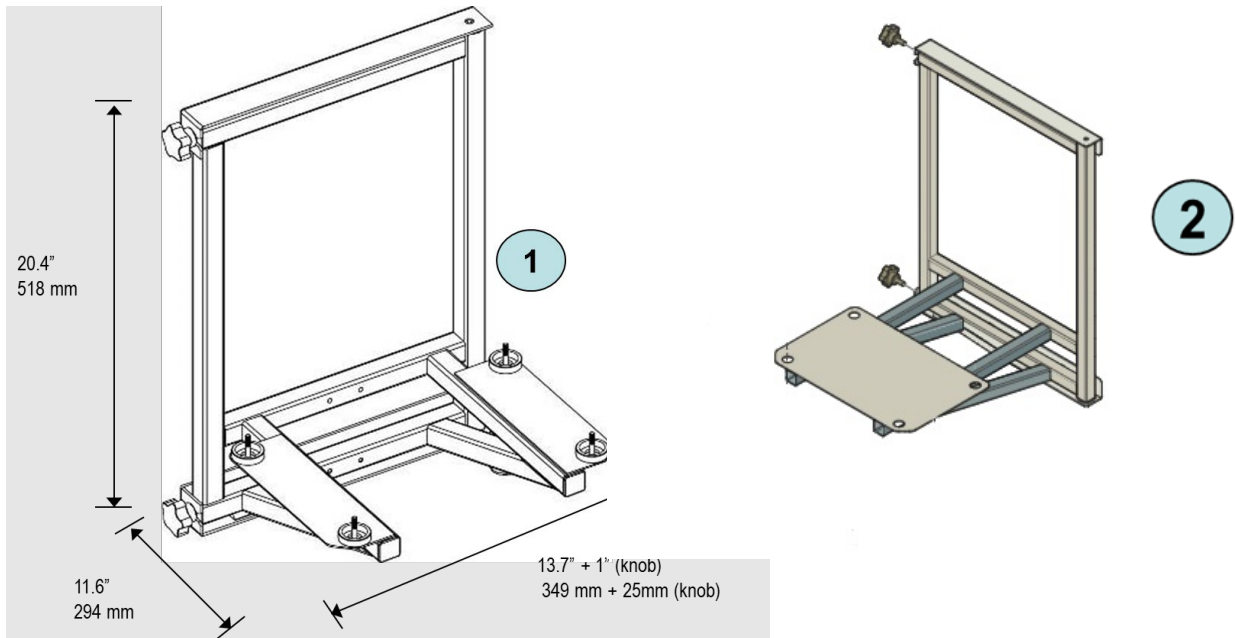
Rev	Date	Changes
AA	12/17/2021	Initial Version – Krzysztof Kogut

Printer Stand



Item #	Part #	Description
1	393400	Universal CIJ Printer Stand – 1000 line + Simplicity
2	392746	Umbilical Hanger
	393401	Caster Kit – 4 Replacement Caster Wheels

Printer Wall Mount



Item #	Part #	Description
1	399201	Printer Wall Mount – 1000 Series
2	611271	Printer Wall Mount – 1860 / 1880

Printhead Stand



Item #	Part #	Description	Contents
1	393433	A fixed arrangement of 1500mm vertical with a 900mm cross tube.	<ul style="list-style-type: none"> • (1) 600mm Tube • (2) 900mm Tubes • Printhead Mount Assembly • Cross Clamp Assembly • Umbilical Clamp • Rubber Feet
2	393435	A flexible arrangement of 1200mm vertical with a 900mm cross tube OR 1500mm vertical with 600mm cross tube	<ul style="list-style-type: none"> • (2) 600mm Tubes • (1) 900mm Tubes • Printhead Mount Assembly • Cross Clamp Assembly • Umbilical Clamp • Rubber Feet

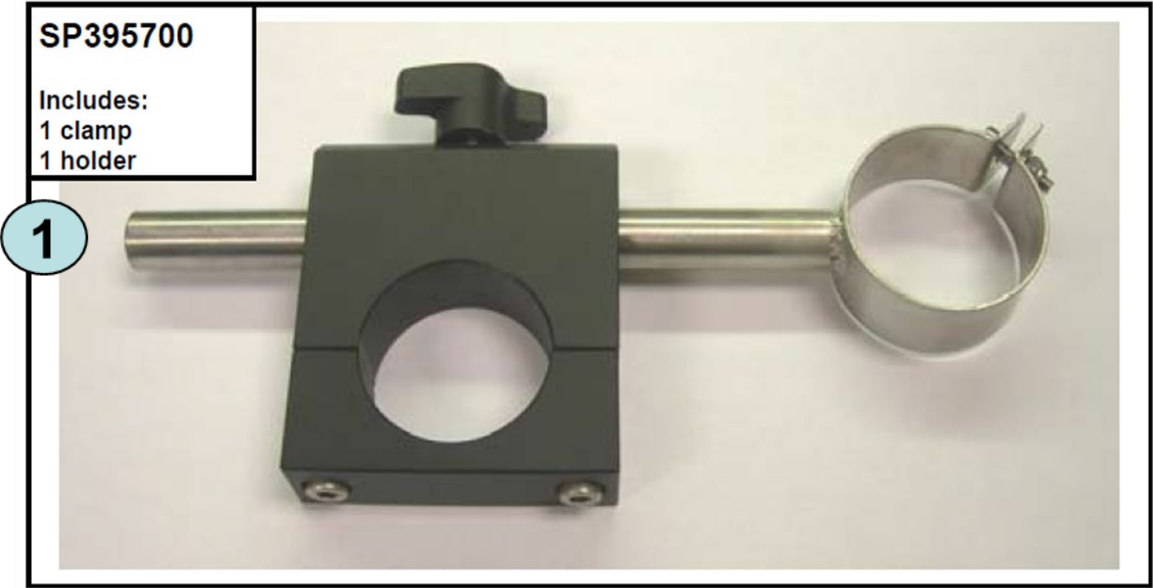
Printhead Stand Parts

SP393439	SP393445	SP393446
		



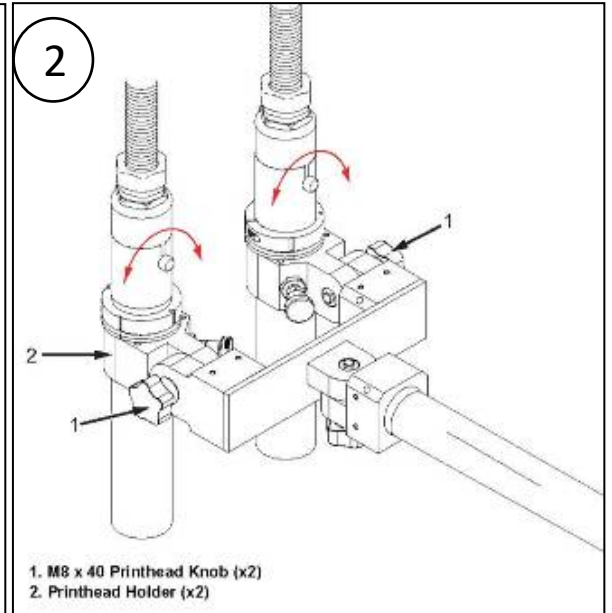
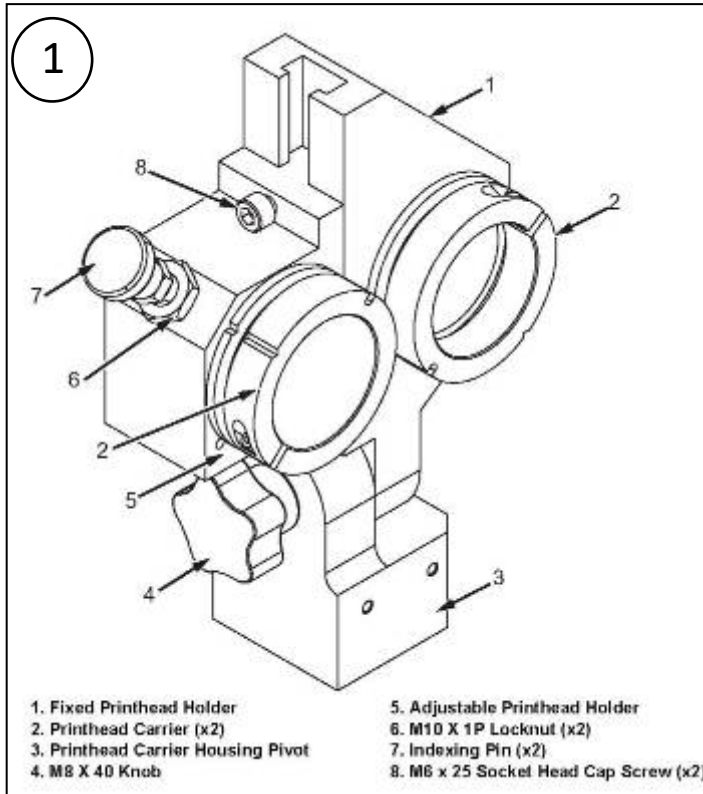
Part #	Description
SP393439	Cross Clamp Assembly
SP393442	Extension Tubes – 600mm and 900mm
SP393445	Printhead Mount Assembly
SP393446	Umbilical Clamp
SP393448	Rubber Feet For Base

Printhead Mounts Continued



Item #	Part #	Description
1	SP395700	Printhead Clamp Assembly
2	399098	Lollipop Style Universal Printhead Clamp
	343853	Legacy Excel Printhead Clamp – Order with Item #1

Dual Head Printhead Mounts



Item #	Part #	Description
1	395709	Adjustable Alignment Dual Printhead Bracket
2	395632	Offsetable Double Head Bracket

1000 Series Cover / Jacket



1



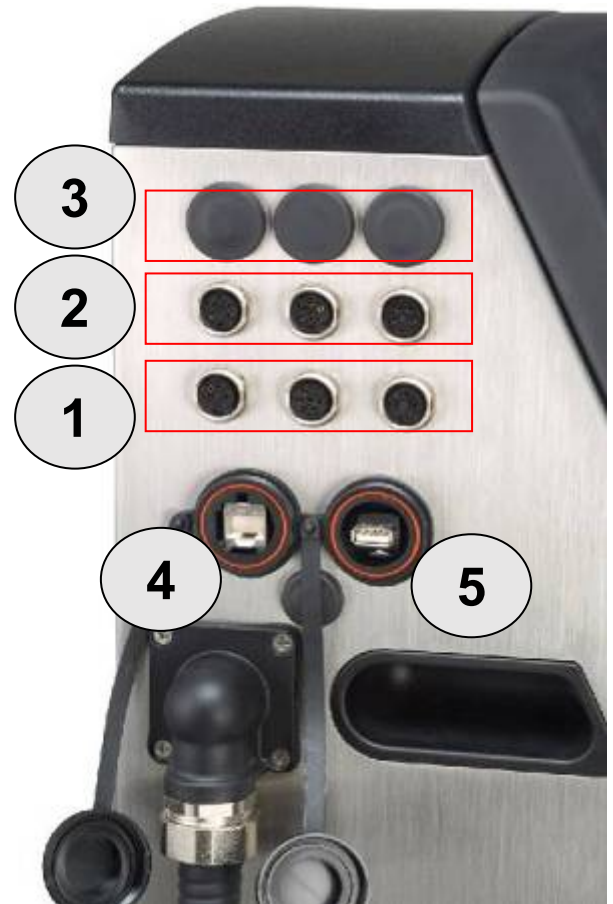
Item #	Part #	Description
1	AC001000	1000 Series Printer cover

1210 / 1220 I/O



Item #	Part #	Description
1	SP500098	PCB 0 – Product Detect - Standard
2	SP500095	PCB 1 – Product Detect, Relay, RS485 – Optional
3	SP500097	PCB 2 – Encoder, Beacon, RS232 – Optional
4	399084	USB Connector Kit

1510 / 1520 I/O



Item #	Part #	Description
1	SP500095	PCB 1 – Product Delay, Relay, RS485 – Standard
2	SP500097	PCB 2 – Encoder, Beacon, RS232 – Standard
3	SP500096	PCB 3 – Rev Input, Message Select BCD – Optional
4	399083	Ethernet Connector Kit
5	399084	USB Connector Kit

1550 / 1560 I/O



Item #	Part #	Description
1	SP500095	PCB 1 – Product Detect, Relay - Standard
2	SP500097	PCB 2 – Encoder, Beacon, RS232 – Standard
3	SP00096	PCB 3 – Rev Input – Optional
4	395899	Ethernet Connector Kit
5	395898	USB Connector Kit

1610 / 1620 I/O



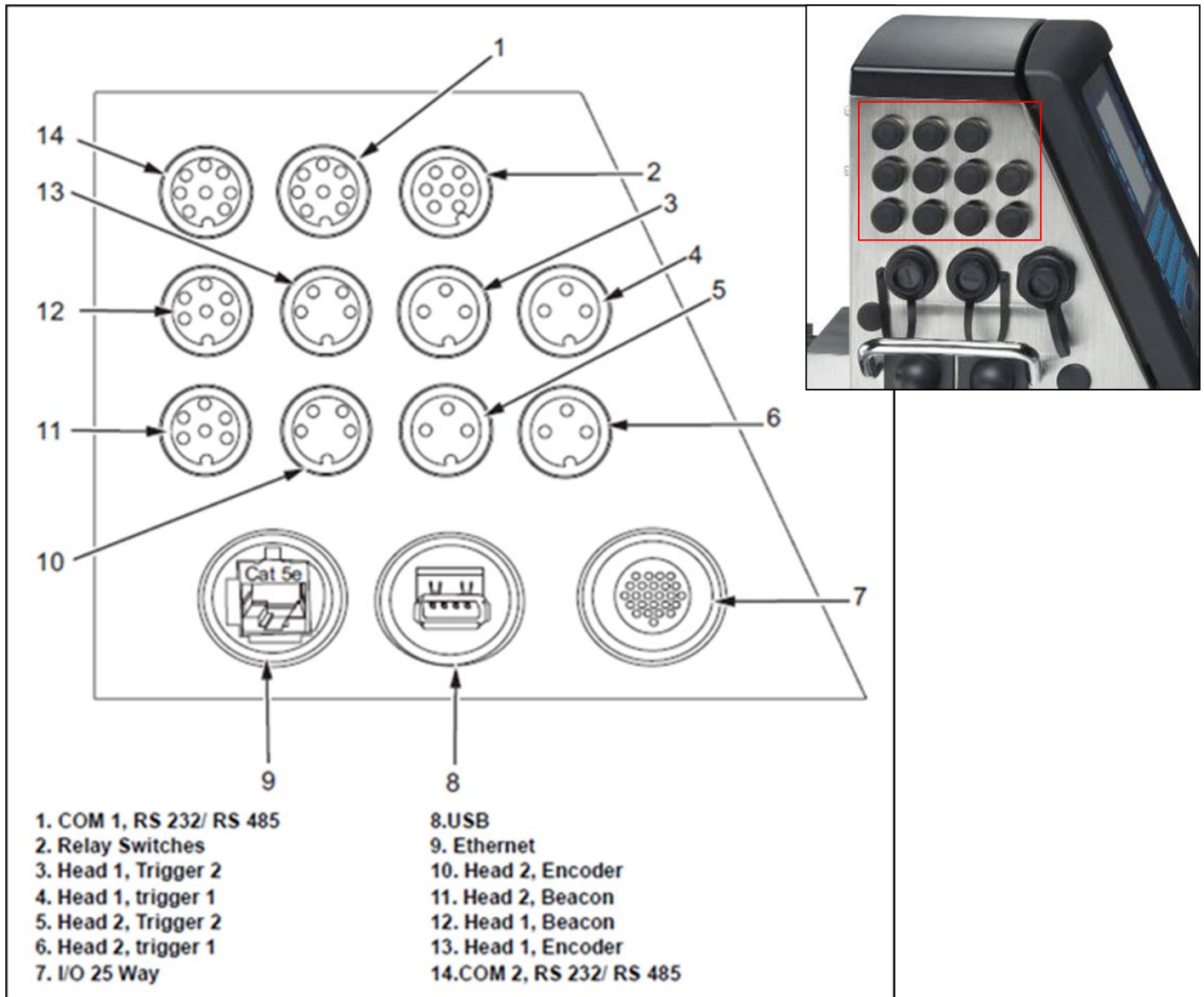
Item #	Part #	Description
1	SP500095	PCB 1 – Product Detect, Relay, RS485 - Standard
2	SP500097	PCB 2 – Encoder, Beacon, RS232 – Standard
3	SP500096	PCB 3 – Rev Input, Message Select BCD – Standard
4	395899	Ethernet Connector Kit
5	395898	USB Connector Kit
6	399475	PCB 4 – 25 Pin I/O Connector

1650 / 1660 I/O



Item #	Part #	Description
1	SP500095	PCB 1 – Product Detect, Relay - Standard
2	SP500097	PCB 2 – Encoder, Beacon, RS232 – Standard
3	SP500096	PCB 3 – Rev Input – Standard
4	399083	Ethernet Connector Kit
5	395898	USB Connector Kit
6	399475	PCB 4 – 25 Pin I/O Connector

1610 DH



Item #	Part #	Description
1	SP399764	PCB 6 – Independent Mode
2	SP399959	PCB 7 – System Mode

1710 IP55 I/O

Notes

- PCB 2 (RS232) can NOT be added with PCB 5. If RS232 is needed; PCB 1 must also be added with PCB 2, replacing PCB 5.
- PCB 1 may be added with PCB 5 and ignore one Product Detect.



Item #	Part #	Description
1	SP500095	PCB 1 – Product Detect, Relay, RS485 – Optional
2	SP500097	PCB 2 – Encoder, Beacon, RS232 – Optional
2	SP395605	PCB 5 – Product Detect, Encoder, Beacon – Standard
3	SP500096	PCB 3 – Rev Input, Message Select BCD – Optional
4	399083	Ethernet Connector

1710 IP65 I/O

Notes:

- PCB 2 (RS232) can NOT be added with PCB 5. If RS232 is needed; PCB 1 must be added with PCB 2, replacing PCB 5.
- PCB 1 may be added with PCB 5, ignore one Product Detect.



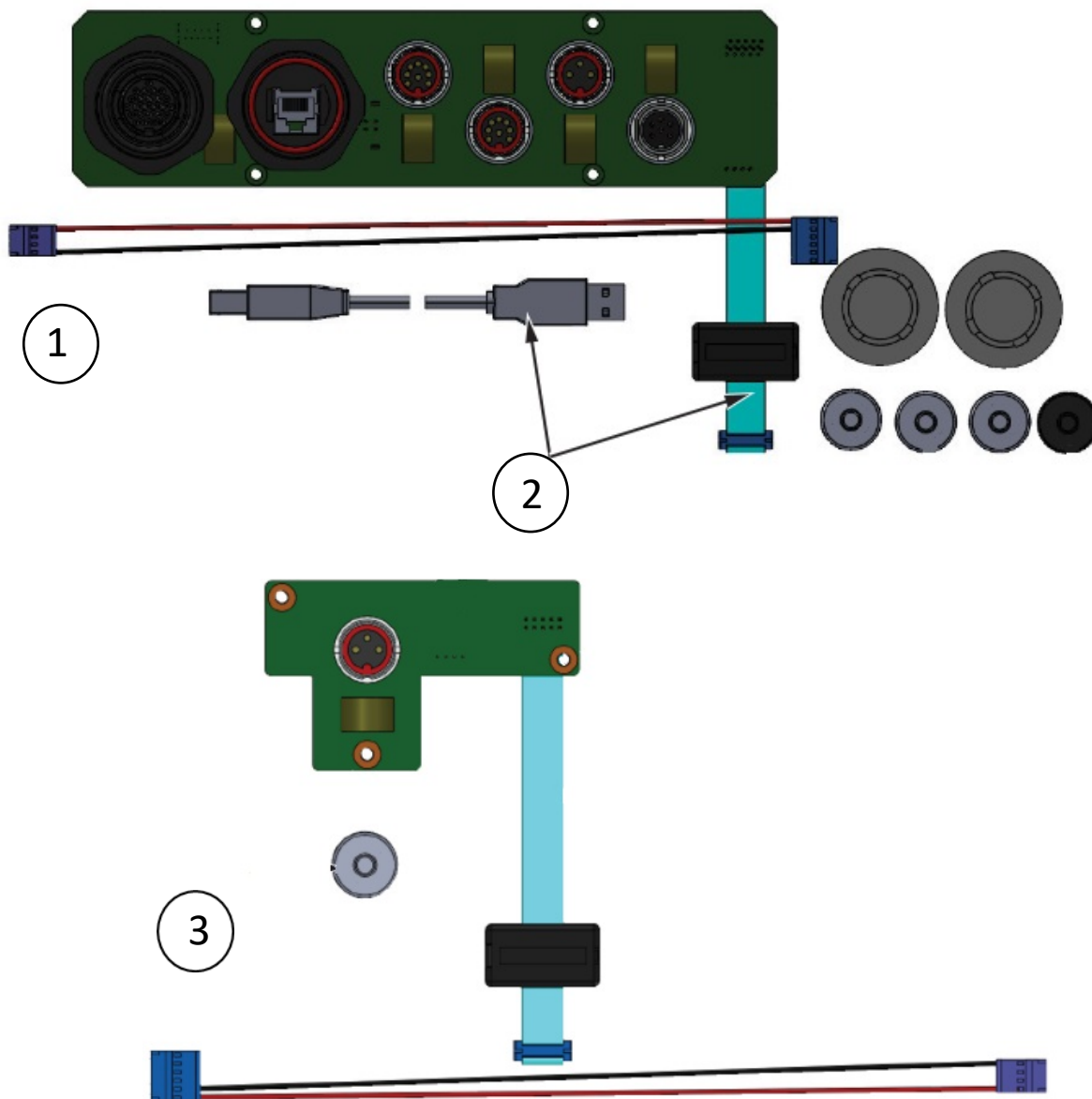
Item #	Part #	Description
1	SP500095	PCB 1 – Product Detect, Relay, RS485 – Standard
2	SP500097	PCB 2 – Encoder, Beacon, RS232 - Standard
2	SP295605	PCB 5 – Product Detect, Encoder, Beacon – Standard
3	SP500096	PCB 3 – Rev Input, Message Select BCD - Optional
4	399083	Ethernet Connector

1860 I/O



Item #	Part #	Description
1	611228	Expansion Board Kit
2	611197	RS-232 Connector and Cable
-	611245	Expansion Board Spare
-	611158	DIN Cable
-	611263	Loopthrough Cable Assembly – 3m
-	611264	Loopthrough Cable Assembly – 6m

1880 I/O



Item #	Part #	Description
1	611571	Expansion Board
2	611569	Cable Kit – Power and USB Cables
3	611572	PEC2 - Factory or Field Installed

DIN Plugs

500-0036-578



500-0036-583



Part #	Description
500-0036-578	3-way din plug (photo cell)
500-0036-581	4-way din plug (shaft encoder)
500-0036-582	5-way din plug (serial for RS-232)
234433	5-way din plug (serial for RS-485)
500-0036-577	6-way din plug (alert beacon)
500-0036-583	7-way din plug (relays)
500-0036-584	8-way din plug (message select A/B)
500-0076-141	DIN Plug Dust Cap

DIN Plug Cables

Part #	Description
382194	Product detector extension cable – 6m
SAR14190	3-way DIN w/ flying leads – 6m (for Product Detector)
399279	6-way din Beacon extension – 6m
SP378810	7-way din plug with 20 ft. cable (for relays)
378981	Legacy Excel to 1000 line product detect cable

1000 Line Core

Printer	Ink Core w/ Pump	Ink Core w/o Pump	Ink Core w/ Pump (FG)	Ink Core w/o Pump (FG)	Ink Pump	Ink Pump (FG)	Hours
1210	399306	399307	399465	399464	399076	399384	6,000
1220	SP392126	SP392167	SP392127	SP392168	399076	399384	9,000
1510	399069	399070	399382	399383	399076	399384	9,000
1520	SP392093	SP392165	SP392094	SP392166	399076	399084	12,000
1550	SP392093	SP392165	SP392094	SP392166	399076	399384	12,000
1560	397549	397550	-	-	399076	-	5 year
1610	399340	399341	399559	399558	399076	399384	12,000
1610 DH	399340	399341	399559	399558	399076	399084	12,000
1620	SP392128	SP392169	SP392129	SP392170	399076	399384	14,000
1620HR	395964	395965	395966	395967	399076	399384	14,000
1620UHS 1650UHS	395964	395965	395966	395967	399076	399384	14,000
1650	SP392128	SP392169	SP392129	SP392170	399076	399384	14,000
1660	397551	397552	-	-	399076	-	5 year
1710	395622	395623	-	-	239223	-	4,000

Print and Nozzle Decks



Item #	Part #	Description
1	399181	Valve Module – 1000 Line
2	399180	70u Print Engine – 1000 Line
	399422	60u Print Engine – 1000 Line
	395916	50u Print engine – 1000 Line
	395973	50u Print Engine FG – 1000 Line
	397353	40u Print Engine – 1000 Line
3	395630	Valve Module – 1710
4	395619	60u Print Engine – 1710
	395620	70u Print Engine – 1710
5	611147	Valve Module – 1860 / 1880
6	611146	60u Print Engine – 1860 / 1880
	611288	70u Print Engine – 1860 / 1880

90* Printhead Deck

Part #	Description
395918	50u UHS nozzle deck – 90*

Printhead Covers



Item #	Part #	Description
1	SP399355	Perforated Printhead Cover - Straight – 1000 line, 1280, 1580
2	SP399404	Non Perforated Printhead Cover – Straight – 1000 line, 1280, 1580
	SP395805	UHS Perforated Printhead Cover – Straight
	SP399518	Non Perforated Printhead Cover – 90*
	SP399594	Perforated Printhead Cover – 90*
	399613	90* Printhead Corner Cover Spare Kit
	392870	Printhead Cover Screw
3	611143	Perforated Chamfered Printhead Cover – 1860 / 1880
4	611230	Non Perforated Printhead Cover – 1860 / 1880
	393749	Printhead Cover Grounding Bracket – 10 Pack – 1000 Series and 1280 / 1580

Product Detectors



Item #	Part #	Description
1	234211	EZ Pro - Proximity Fiber
	234212	EZ Pro - Thru Beam Fiber
	23610075	Proximity Fiber - Light guide – Bifurcated – 36” (3ft)
	SAR02253	Proximity Fiber - Light Guide – Bifurcated – 72” (6ft)
	SAR15286002	Thru Beam - Light Guide – Single Core (Order 2 for thru beam) – 36” – (3ft)
2	234215	Retro Smart – Clear Materials
3	234213	Label Eye – Web Printing
	234214	Mark Eye – Web Printing Registration Mark
4	SAR09127	Metal Proximity Sensor – Stainless Tip – 400Hz
	SAR13016	Metal Proximity Sensor – High Speed – Plastic Tip – 800Hz
5	375085-01	Legacy Excel – Proximity Product Detector – SEIC25
	375085-02	Legacy Excel – Thru Beam Product Detector – SEIC25

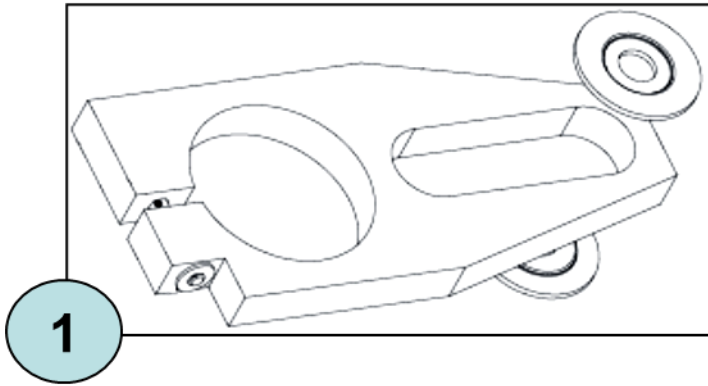
Wenglor Fiber Optic Proximity Sensor



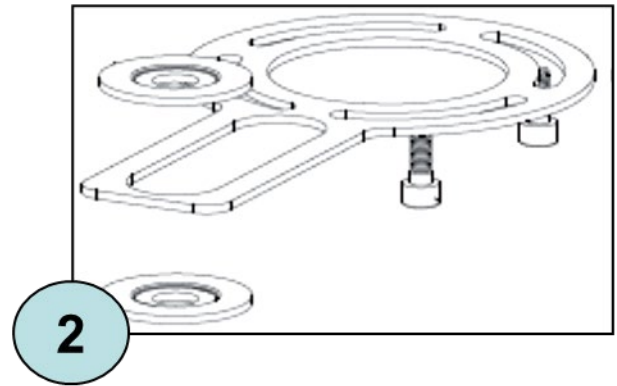
Item #	Part #	Description
1	393980	Product Detector Kit - Proximity
		Contents: Detector, bifurcated fiber optic cable with plastic adapter, 6.5m 3-pin cable and mounting hardware (reflective tape, nut cap and 4 flat washers)
		Note: This is a low cost alternative

Product Detect Holder

Mounts to Printhead



Mounts to Printhead Holder (399068)



Item #	Part #	Description
1	399278	Printhead Photocell Holder – works with 234211,234214 and SAR09127
2	399294	For Obsolete Auto Align Printhead Holder Mount - Printhead Photocell Holder – works with 234211,234214 and SAR09127

Encoders



Encoder Only

Part #	Description
41000255	2500 PPR
377530	3600 PPR – Most Popular
41000256	5000 PPR

Encoder Kits

Part #	Description
SP378815	1800 PPR Kit (Encoder, 6m cable)
SAR05203	1800 PPR Kit (Miniature Encoder, Mounting Bracket, Wheel, 3m Cable)
40331750	2500 PPR Kit (Encoder, Mounting Bracket, Wheel)
SP378821	3600 PPR Kit (Encoder, 6m Cable)
378191	5000 PPR Kit (Encoder, 6m Cable)

Encoder Accessories



Item #	Part #	Description
1	21000217	12" Circumference Wheel
	377529	12" Circumference Wheel with replaceable ring
	377523	Replaceable ring for PN 377529
2	378192	3m Shaft Encoder Cable
	378193	6m Shaft Encoder Cable
	SAR14198	6m Encoder Extension cable
3	21000433	Spring Bracket – Standard
	377519	Spring Bracket – Lateral Adjustment
-	378985	Legacy Excel to 1000 Line – Encoder Adapter Cable
-	377522	Encoder Amplifier
4	377532	Encoder Coupler to Shaft

Encoder Accessories

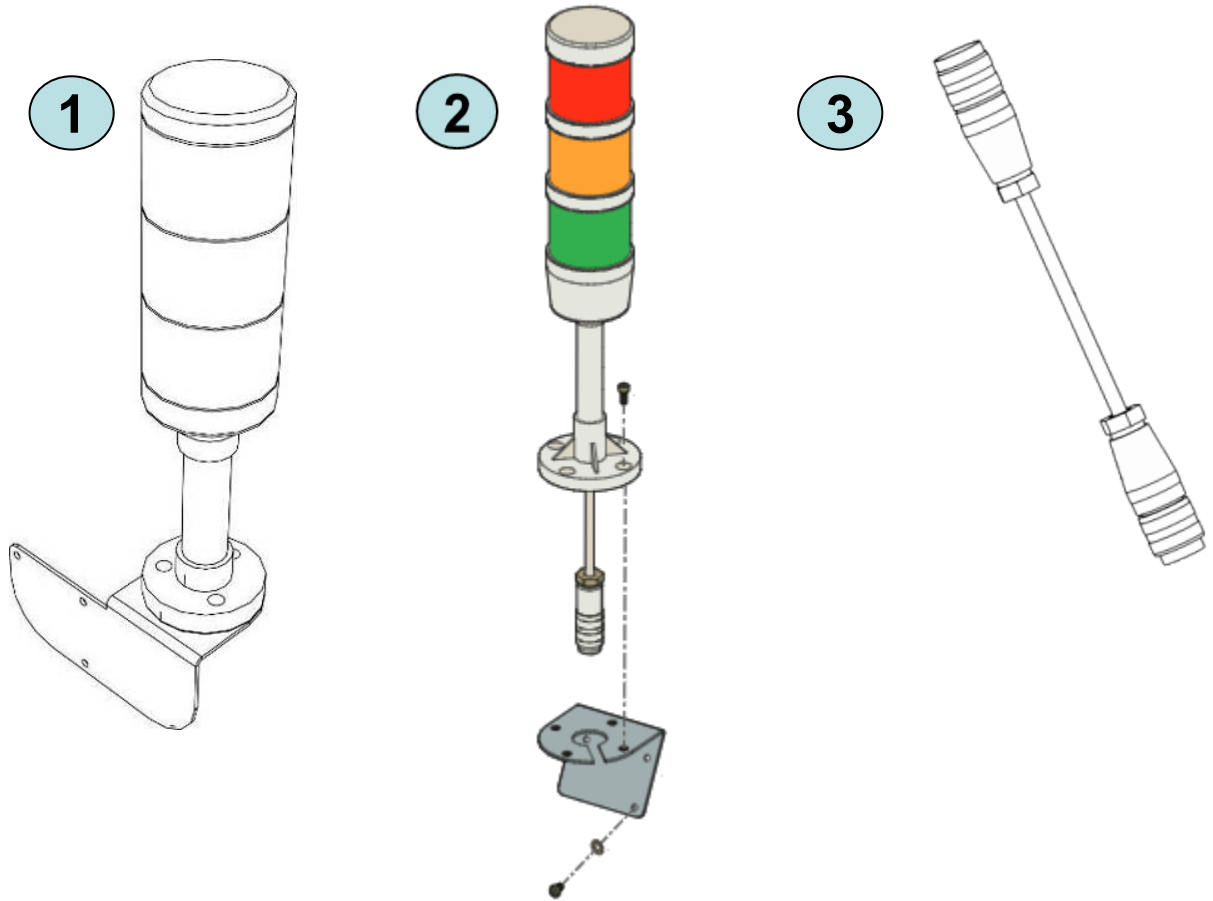
These are encoder amplifiers used to run up to 4 printers off one encoder.

Part #	Description
MS1940-PC-ENC	Encoder amplifier Standard with one encoder input and 2 printer cables output. This amplifier can drive up to 4 printers maximum.
MS1940-CBL	Additional Encoder cables from MS1940 to printers.

This Amplifier will drive 4 printers on 1 encoder and 1 product detector.

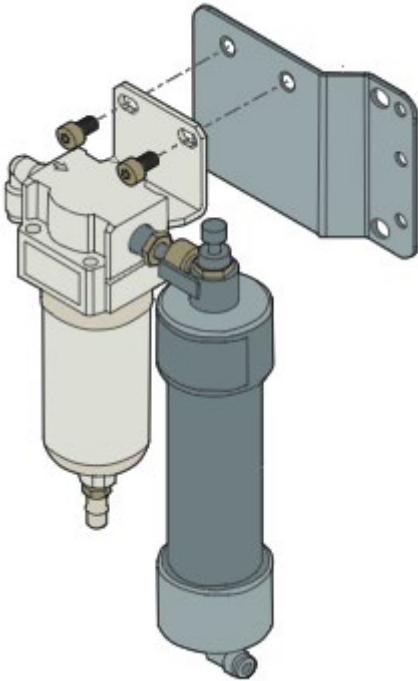
Part #	Description
MS1940-PC	Amplifier for 4 Product Detect Signals
MS1940-PC-CBL	Additional Product Detect Cable

Beacon Light



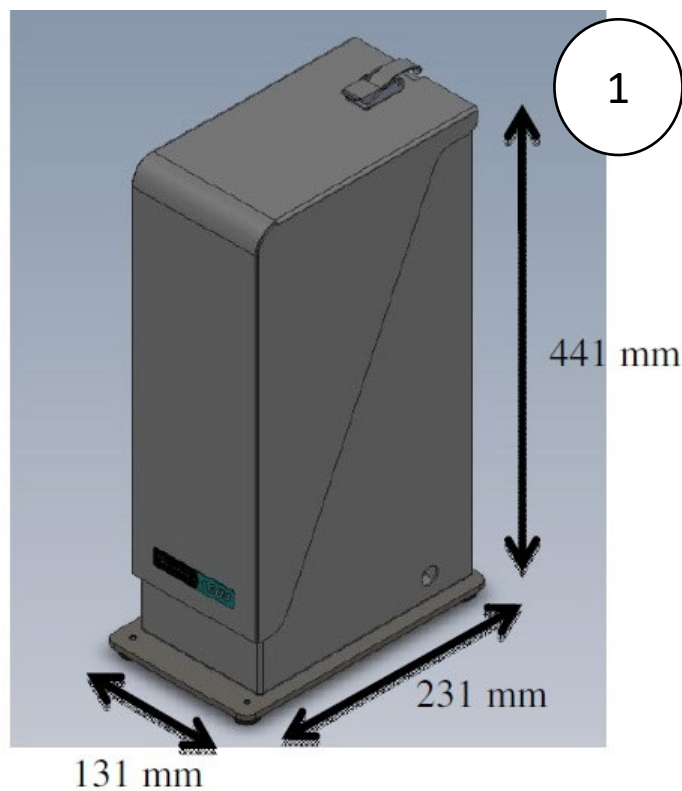
Item #	Part #	Description
1	SP399089	1000 Line / 1860 / 1880
-	MS1957	Audible Beacon Light – 1000 Line / 1860 / 1880
-	SP395631	1610 DH – Dual Head Kit
2	613583	1240 / 1280 / 1580
3	399279	Extension Cable – Beacon – 6m

Universal Dry Air Kit



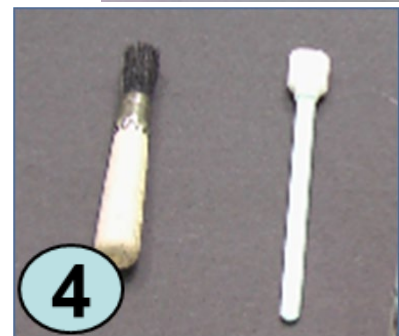
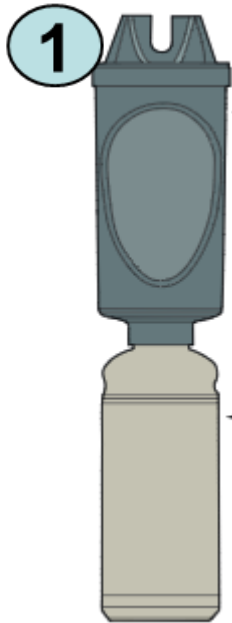
Part #	Description
611383	Dry Air Kit – Single Head
SP395696	Dry Air kit – Dual Head
392992	Filter Element Replacement for 611383
SP234578	Filter Element Replacement for Obsolete Dry Air Kit PN: SP399474 and SP399090

Bulk Systems – 1000 Series



Item #	Part #	Description
1	399999	Bulk Ink Kit
	395904	Bulk Makeup Kit

Wash Station



Item #	Part #	Description
1	399085	Wash Station assembly
2	301-0007-005	Empty 1 Liter Bottle
3	392431	Wash Bottle – 250ml
4	395676	Printhead Cleaning Kit

Ink Shaker – 1710 Only



Item #	Part #	Description
1	399963-01	OBSOLETE – Ink Shaker – 120v – US Plug
2	393922-01	Ink Shaker – 120v – US Plug
	393923-21	Ink Shaker – 230v – Euro Plug

Power Accessories



Item #	Part #	Description
1	356841-02	OBSOLETE - 120v Power Conditioner
	392835	120V Power Conditioner
	234597	230v Power Conditioner
2	80000008	OBSOLETE – Uninterrupted Power Supply

Barcode Scanner



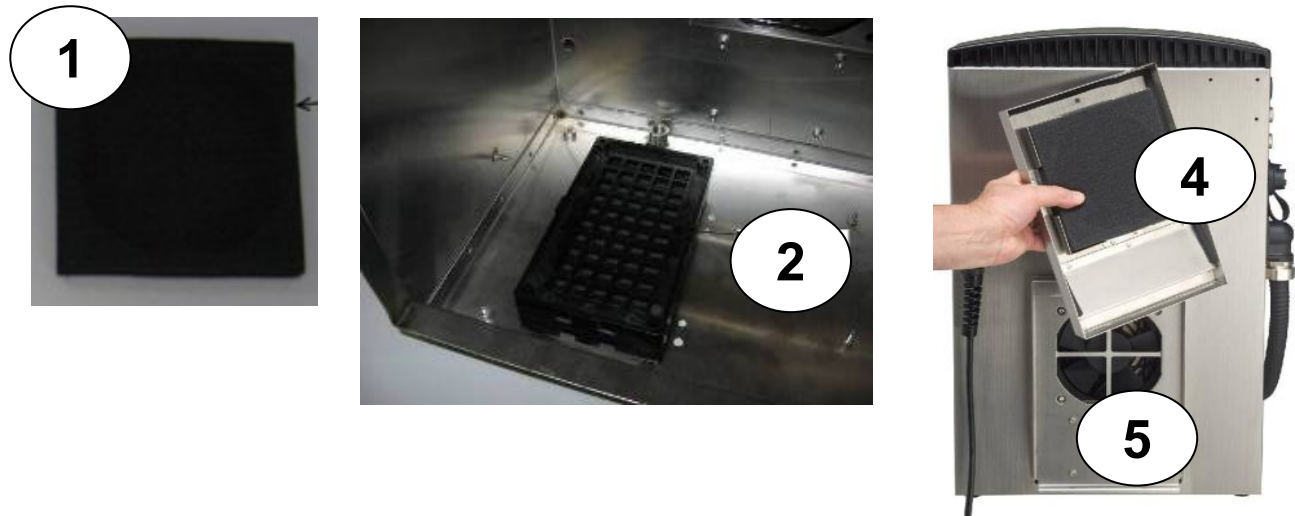
Part #	Description
MS0965-17	Handheld Barcode Scanner – Willett *
MS0965-18	Handheld Barcode Scanner – Excel **
MS0965-USB	USB Handheld Scanner – 50/60 Series / Simplicity ***

* Willett Series will recall messages from printer memory.

** Excel Series barcode reader scans a source barcode and inserts the text from that barcode into field. Excel barcode reader cannot recall messages from the printers memory.

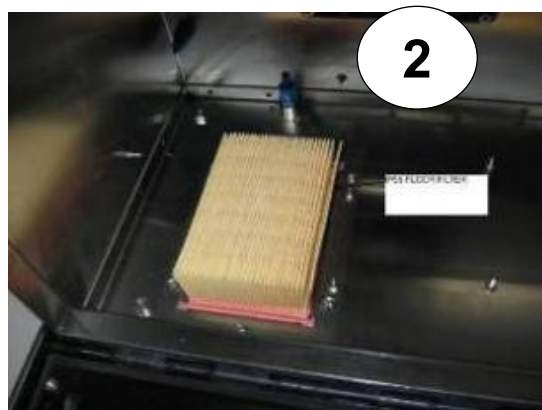
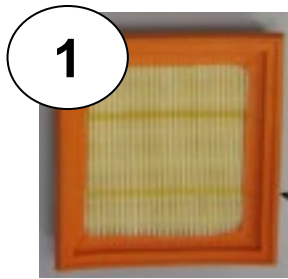
*** Simplicity printer will need Scan2Run workflow module installed to have barcode scanner work.

Air Filters – 1000 Line (IP55)



Model	Part #	Description
1210 / 1220	1. 234081 2. N/a 3. 399239	1. Fan filter 2. Floor Filter 3. Filter Kit (5 Fan Filters (5 x 2,000 hours) + 1 Floor Filter (10,000 hours))
1510	1. 234081 2. N/a 3. 399239	1. Fan filter 2. Floor Filter 3. Filter Kit (5 Fan Filters (5 x 2,000 hours) + 1 Floor Filter (10,000 hours))
1520 / 1550 / 1710	1. 234081 2. SP23449 6 3. 399239	1. Fan filter 2. Floor Filter 3. Filter Kit (5 Fan Filters (5 x 2,000 hours) + 1 Floor Filter (10,000 hours))
1610 / 1610DH / 1620 / 1650	-	Not An Option
	4. SP399029	Fan Filter Cover
	5. 399080	Ink System Compartment Fan

Air Filters - 1000 Line (IP65)



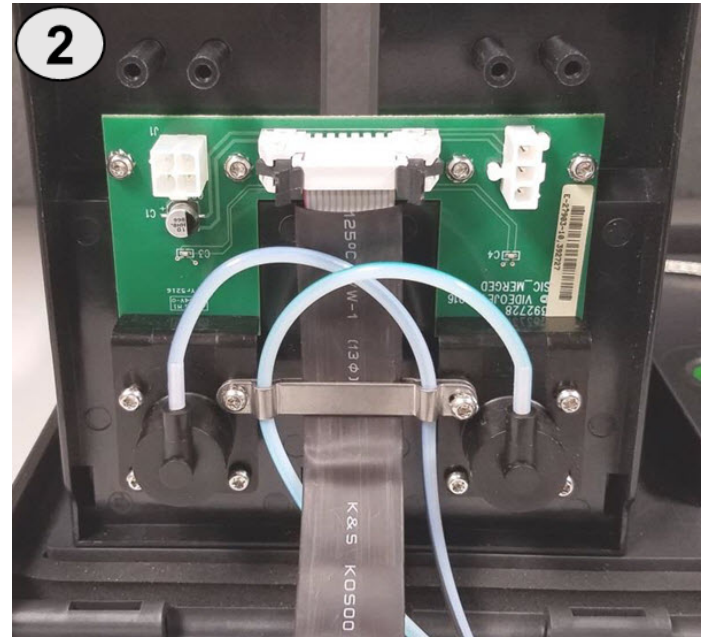
Model	Part #	Description
1210 / 1220	-	No option
1510	1. SP234502 2. SP234496 3. 399238	1. Fan filter 2. Floor Filter 3. Filter Kit (5 Fan Filters (5 x 2,000 hours) + 1 Floor Filter (10,000 hours))
1520 / 1550 / 1710	1. SP234502 2. SP234496 3. 399238	1. Fan filter 2. Floor Filter 3. Filter Kit (5 Fan Filters (5 x 2,000 hours) + 1 Floor Filter (10,000 hours))
1610 / 1610DH / 1620 / 1650	1. SP234502 2. SP234496 3. 399238	1. Fan filter 2. Floor Filter 3. Filter Kit (5 Fan Filters (5 x 2,000 hours) + 1 Floor Filter (10,000 hours))
	4. SP399195	Fan Filter Cover

Ribbon Cables – Electronics Cabinet 1000 Line



Part #	Description
399237	Ribbon Cables – 1220 / 1520 / 1560
399505	1620 / 1660 / HR / UHS
395634	Ribbon Cables – 1610DH – All Cables Electronics / Hydraulics
SP399754	PIB Kit – 1610DH
395675	Ribbon Cables – 1710 – All Cables Electronics / Hydraulics
SP234609	CSB Battery
392873	Micro SD Card – 1000 line

Ribbon Cables – Fluids Compartment 1000 Line



Item #	Part #	Description
1	SP399052	Ribbon Cables only – 1220 / 1520 / 1560 / 1620 – Smart Chip and Core
	SP234277	Ribbon Cable/Pump Cover – 1220 / 1520 / 1560 / 1620
	395675	Ribbon Cables – 1710 – All Cables Electronics / Hydraulics
	395634	Ribbon Cables – 1610DH – All Cables Electronics / Hydraulics
2	399074	Smart Chip PCB Kit - 12xx / 15xx / 16xx / 1710 - 1000 line

Ribbon Cable Kit – Simplicity

1280

Part #	Description
383554	Display Cable Kit : EHT to MCB, FIB to MCB Cable
613586	Power supply-Switch Cable Kit : PSU to MCB Cable, Main Switch to PSU Cable Assembly
383569	Ink System Cable Kit : 16 Way Ink System Ribbon Cable, 20 Way Ink System Ink Cable

1580

Part #	Description
613585	IMB Cable Kit : IMB-SMA , MCB-IMB , Flush Pump
613584	Display Cable Kit : EHT to MCB , FIB to MCB Cable
613586	Power Supply /Switch Cable Kit : PSU to MCB , Main Switch to PSU

Ribbon Cable Kit – Simplicity

1860

Part #	Description
611258	IMB Cable Kit – IMB to SMA , MCB to IMB
611259	Display Cable Kit – HDMI, FIB to MCB Power
611161	Power Supply / Switch Cable Assembly – PSU to MCB, Main Switch to PSU
366926	Internal USB to MCB
613469	External USB Cable Assembly

1880

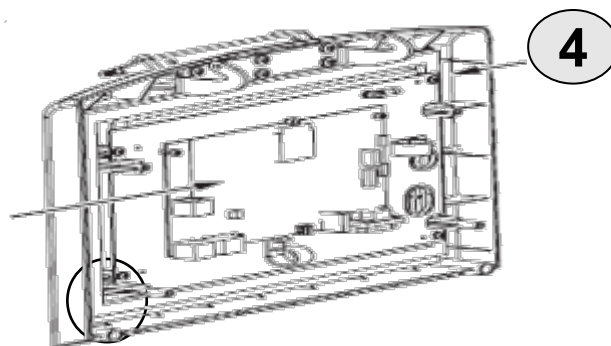
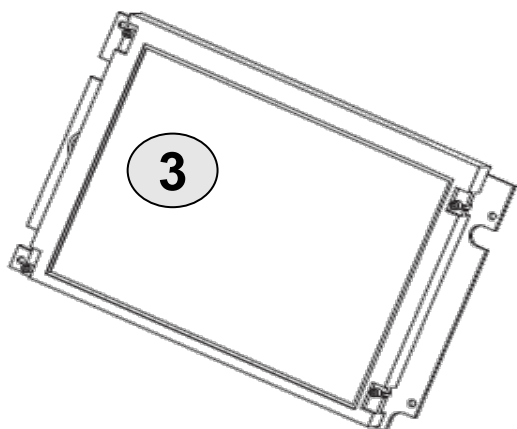
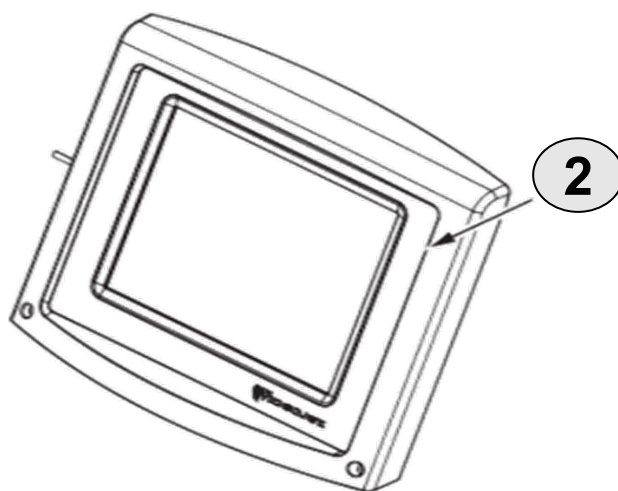
Part #	Description
613585	IMB Cable Kit – IMB to SMA, MCB to IMB
613584	Display Cable Kit – EHT to MCB, FIB to MCB
611565	Power Supply / Switch Cable Assembly – PSU to MCB, Main Switch to PSU
383575	USB to RS232 Converter – USB to RS232 converter Assembly (1.8 meters), Screw Adapter
611263	Loopthrough Cable Assembly – 3m
611264	Loopthrough Cable Assembly – 6m

1000 Series Keypad / Display, Non-Touch



Item #	Part #	Description
1	399116	Willett Interface Door and Keypad Only – English
2	399091	Display Kit – To replace Display only
3	399107	Excel Interface Door and Keypad Only – English
	SP500072	Display Ribbon Cable

Touchscreen Display – 1560 / 1660



Item #	Part #	Description
1	395889	Retrofit Kit – 1520/1620 (not 1510/1610) to 1560/1660
2	395889	Display Door
3	395790	Touchscreen
4	395791	Clarity PCB
	395792	Spare Cable Kit
	395893	Spare SD Card

Miscellaneous Kits

Flush / Drain Kit

Part #	Description
392315	1000 Series Flush kit – Except 1710 - Article 10309 for pictures.
392976	1710 Flush Kit – Article 10434
383428	1280 Flush / Drain Kit
392961	1000 Line + 1710 Manual Recovery Flush Kit – Article 10929
392316	1000 flush kit resupply of fittings, caps, couplers, syringe and gasket

Tubing Kit

Part #	Description
399072	1280 Tubing Kit
611250	1580 / 1860 / 1880 Tubing Kit – Part of Hardware Kit
5260001115	Tubing Pliers

Core / Ink System Spare Manifold Kit

Part #	Description
392994	1000 series Manifold kit – Except 1710 – Article 10934
392994	1280 Manifold Kit

Gasket and Hardware Kits

1000 Line

Part #	Description
399336	12xx / 15xx / 16xx Gasket Kit --- 5 different gaskets (10 each): Includes: <ul style="list-style-type: none">• 223294 (Printhead Gasket),• 223298 (3-Way Manifold Gasket),• 223299 (2-Way Manifold Gasket),• 234274 (Connection Manifold Gasket),• 500-0031-175 (O-Ring)
	12xx / 15xx / 16xx Hardware Kit – Service Only
395828	1710 Gasket Kit
	1710 Hardware Kit

Simplicity

Part #	Description
383571	1280 Gasket Kit
383570	1280 Hardware Kit
613616	1580 Gasket Kit
611249	1860 / 1880 Gasket Kit
611250	1860 / 1880 Hardware Kit