
Parts List

Introduction

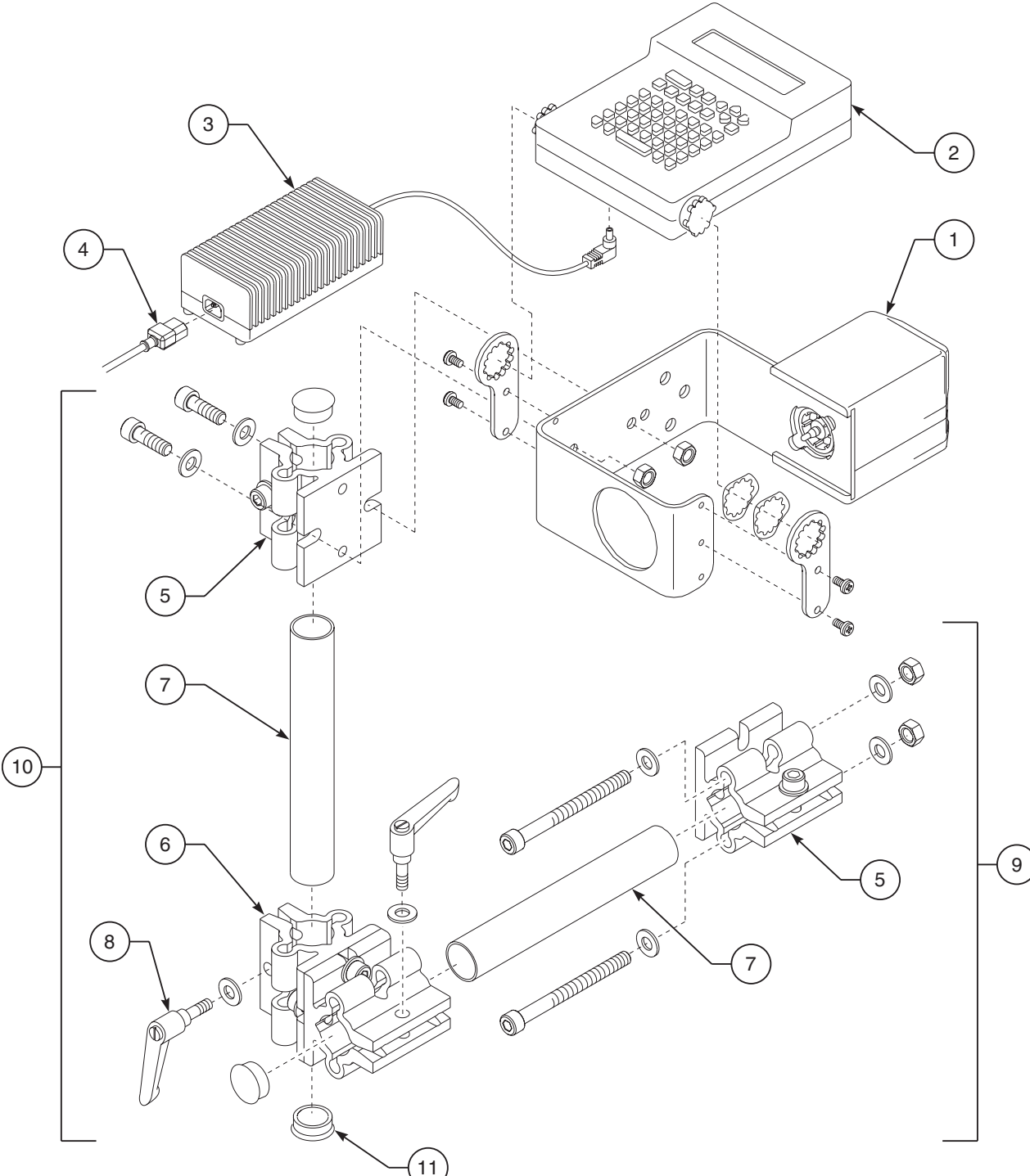
Use the Parts List to obtain whatever you might need to expand, upgrade, repair, or maintain your system. The Parts List includes exploded illustrations of system components with a textual parts listing.

To place an order, provide your local distributor or Videojet Technologies Inc. with part numbers and quantities.

Unicorn Technical Manual

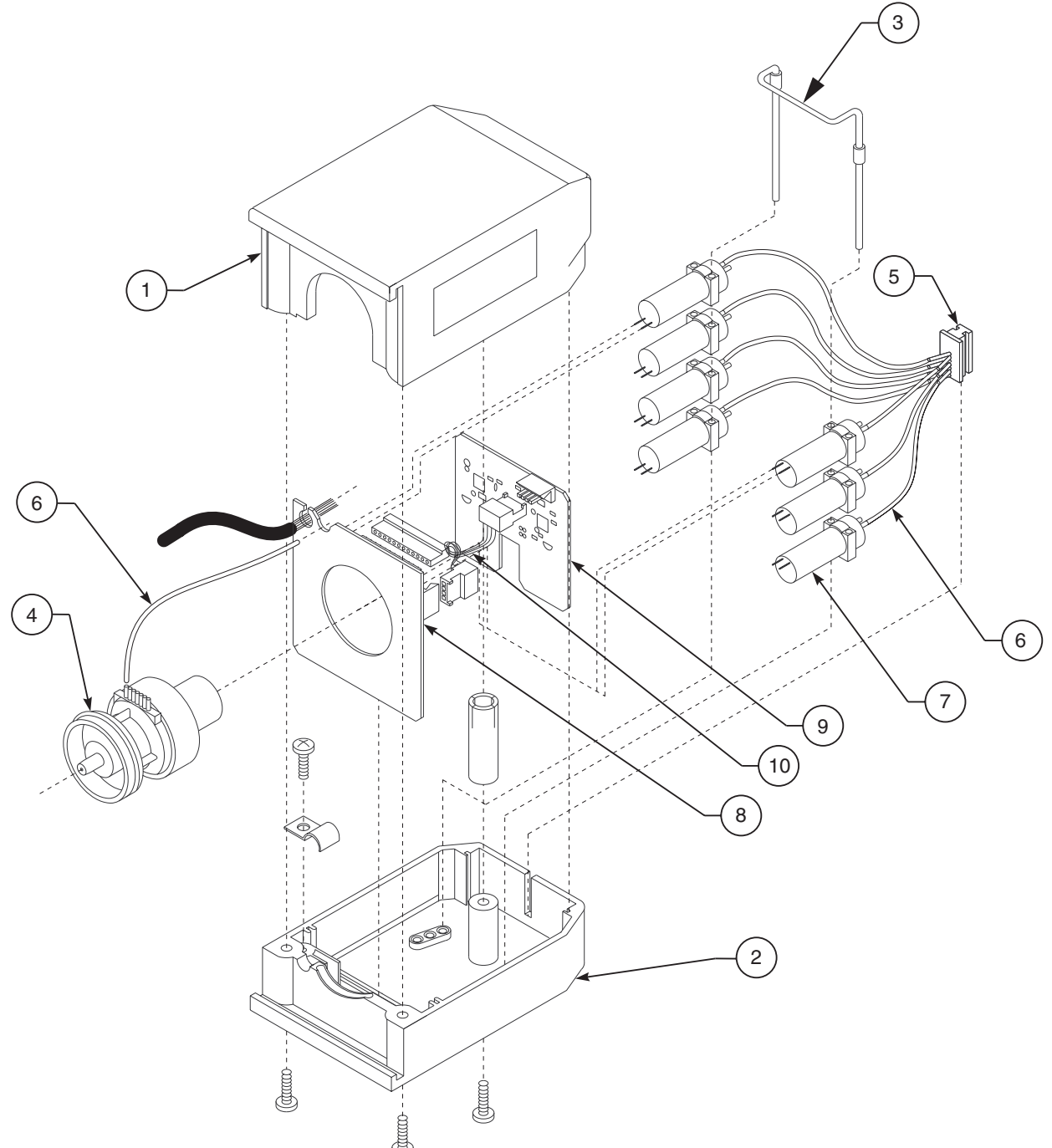
Description	Part Number	Quantity per Package
Unicorn 100/240V with US Power Cord	21493	1
Unicorn 100/240V with International Power Cord	21494	1
Unicron 100/240V Arabic	23457	1
Unicorn 100/240V Chinese	21941	1
1. Printhead Assembly	RP21507	1
2. Controller Assembly	RP15906	1
3. Power Supply, with US Power Cord	RP16061	1
Power Supply, with International Power Cord	RP19706	1
4. Cord, Power US	RPJ500-0043-001	1
Cord, Power International	RPJ500-0043-002	1
5. Clamp, Mounting	RP28800	1
6. Clamp, Cross	RP28801	1
7. Tubing, 1" x 9" (2.5 cm x 22.9 cm)	RP19161	1
Tubing, 1" x 15" (2.5 cm x 38.1 cm)	RP19160	1
8. Ratchet Handle	RP19321	1
9. Bracket Assembly	RP21506	1
10. Kit, Bracket and Frame	21809	1
11. Plug, Pry-Out 7/8"	RP19757	1

Unicorn Technical Manual

Description	Part Number	Quantity per Package
Unicorn Standard Assembly		
 <p>The diagram is an exploded view of the Unicorn Standard Assembly. It shows the following components and their assembly relationships:</p> <ul style="list-style-type: none">1: The main rectangular housing or chassis.2: A keypad module that fits into the top of the housing.3: A power supply unit with a fan, connected to the housing via a cable and connector.4: A cable connector that plugs into the power supply.5: A mounting bracket or plate that is secured to the housing with screws.6: A central vertical shaft or tube.7: Two long, thin cylindrical components, likely guides or spacers, that fit around the central shaft.8: A small lever or actuator component.9: A bracket or support structure that is mounted to the side of the housing.10: A bracket or support structure that is mounted to the front of the housing.11: A small circular component, possibly a cap or seal, that fits onto the bottom of the central shaft. <p>Dashed lines indicate the alignment and assembly path for each component.</p>		

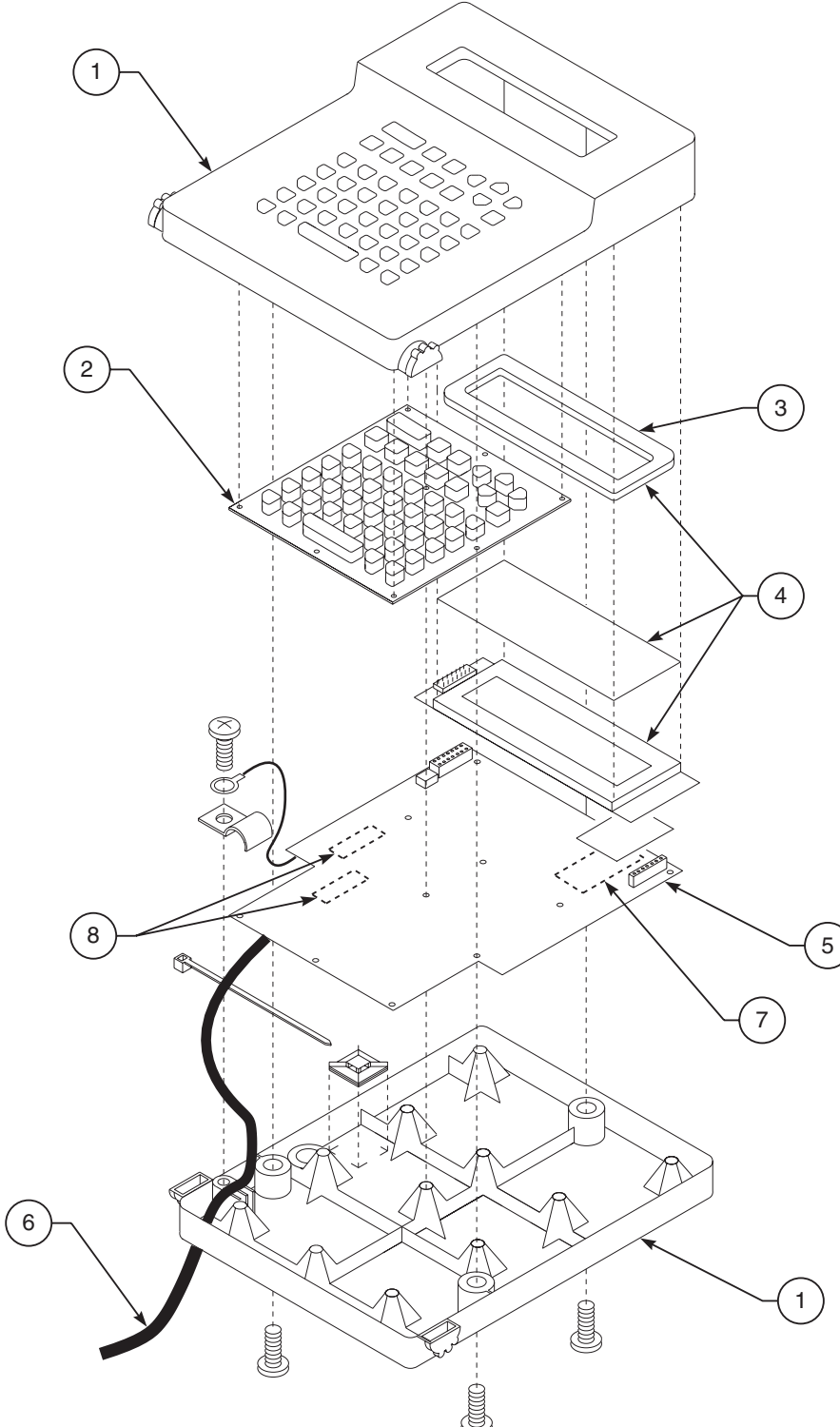
Description	Part Number	Quantity per Package
Unicorn Printhead Assembly		
1. Housing, Printhead Top	RP15875	1
2. Housing, Printhead Bottom	RP21849	1
3. Clip, Valve Retaining	RP16053	1
4. Regulator Assembly	RP15884	1
5. Nozzle Block, 10 mm	RP15895	1
Nozzle Block, 7 mm (Optional)	22836	1
Nozzle Block, 15 mm (Optional)	18154	1
Nozzle Block, 20 mm (Optional)	18217	1
6. Tubing, Valve 713, 14H, 16H	BR-J501-0030-004	1
7. Valve, 600LT 12V 600Hz Square Pin	RP27339	1
8. Board, Square Pin Valve	RP21501	1
9. Board, Photocell	RP15876	1
10. Cable, Valve/Photocell Board	RP17020	1

Unicorn Technical Manual

Description	Part Number	Quantity per Package
Unicorn Printhead Assembly		
		

Description	Part Number	Quantity per Package
Unicorn Controller Assembly		
1. Housing, Controller Top and Bottom	RP15907	1
2. Keypad, Rubber	RP15788	1
3. Gasket, LCD	RP15909	1
4. Display, LCD	RP16166	1
5. Board, PC with Software	RP15912	1
6. Cable, Controller to Printhead 1 ft.	RP15914	1
Cable, Controller to Printhead 20 ft.	RP15989	1
7. RAM, 8K Time Keeping	RP25123	1
8. Chip, Driver	RP28477	1

Unicorn Technical Manual

Description	Part Number	Quantity per Package
Unicorn Controller Assembly		
 <p>The diagram is an exploded view of the Unicorn Controller Assembly. It shows the following components and their assembly sequence:</p> <ul style="list-style-type: none">1: The top housing, which is a rectangular plastic shell with a handle on the right side and a keypad area on the left.2: The keypad assembly, which is a circuit board with numerous keys.3: A small rectangular plastic component, likely a display or indicator.4: A larger rectangular plastic component, likely a display or indicator.5: A small rectangular circuit board component.6: A thick black cable that connects the keypad assembly to the bottom housing.7: A small rectangular circuit board component.8: A small rectangular circuit board component. <p>The assembly is shown in a disassembled state, with dashed lines indicating the alignment and assembly path of the components. The bottom housing (1) is shown at the base, with the keypad assembly (2) and cable (6) being inserted into it. The top housing (1) is shown at the top, with the keypad assembly (2) and cable (6) being inserted into it. The other components (3, 4, 5, 7, 8) are shown in the middle, with dashed lines indicating their alignment with the top housing (1).</p>		

Description	Part Number	Quantity per Package
Rebuilt Parts (Exchange Only)		
1. Printhead Assembly	15873-R	1
2. Controller Assembly	15906-R	1
Consumables – Porous		
1. Ink, Porous Cartridge Black	20943	12
2. Ink, Porous Cartridge Blue	20944	12
3. Ink, Porous Cartridge Red	20945	12
4. Ink, Porous Cartridge Green	20946	12
5. Solvent, Porous Cartridge	20947	12
Consumables – Non-Porous		
1. Ink, Non-porous Quart Black	20133	12
2. Ink, Non-porous Quart Red	IJ-NP-R-Q	12
3. Ink, Non-porous Quart Blue	20151	12
4. Ink, Non-porous Quart Green	IJ-NP-G-Q	12
5. Ink, Non-porous Quart Brown	20596	12
6. Ink, Non-porous Quart Violet	20597	12
7. Ink, Non-porous Quart Yellow	IJ-NP-Y-Q	12
8. Ink, Non-porous Quart Orange	IJ-NP-O-Q	12
9. Ink, Non-porous Quart Ultraviolet	IJ-NP-U-Q	12
10. Solvent, Non-porous Quart	IJ-NP-S-Q	12
Other Components		
1. Ink System, ADS	26278	1
2. Kit, Quart Ink/Solvent	28636	1
3. Adapter, Quart Ink/Solvent	RP28659	1
4. Cover, Controller Harsh Environment	16283	1
5. Cleaner, Nozzle	RP15943	1
6. Kit, Printhead Service	16040	1
7. Kit, Unicorn Hardware	RP21823	1
8. Frame Kit, Controller Mount	RP15773	1
9. Bracket Kit, Long Reach	15990	1
10. Bracket Kit, Remote	15916	1
11. Hanger, Power Supply	RP16568	1
12. Overlay, Keypad Greek	27392	1
13. Overlay, Keypad Arabic	27393	1
14. Overlay, Keypad Hebrew	27394	1
15. Manual, Unicorn Owners	P-3015	1

Unicorn Technical Manual

Description	Part Number	Quantity per Package
16. Manual, Unicorn Technical	P-3076	1
17. Card, Unicorn Quick Reference	P-3013	1
18. Card, Unicorn Quick Reference Cyrillic	28737C	1