Film-Tech

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COMMON 70mm PULLEY ASSEMBLIES

A) 2605 Castor Swivel Assy, Left 70mm
C) 1556 Pulley Shaft-Castor & Pulley Assy 70mm
D) 2876 Spool & Shaft Assy. 70mm
E) 1554 Castor Swivel Assy, Right 70mm
G) 1552 Column Shaft & Pulley Assy 70mm
I) 1715 Pulley Assy. 5/16" ID, 70mm
Hi-Speed 70mm Column
# Hi-Speed 70mm Column Parts

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A) 2605</td>
<td>Castor Swivel Assy, Left 70mm</td>
</tr>
<tr>
<td>G) 1552</td>
<td>Column Shaft &amp; Pulley Assy 70mm</td>
</tr>
<tr>
<td>E) 1554</td>
<td>Castor Swivel Assy, Right, 70mm</td>
</tr>
<tr>
<td>1) 1063</td>
<td>SHCS 3/8-16 x 5/8&quot;</td>
</tr>
<tr>
<td>* 2) 2975</td>
<td>Variac Assy, Arm Mount</td>
</tr>
<tr>
<td>3) 1410</td>
<td>Column Bottom Castor Bracket, 70mm</td>
</tr>
<tr>
<td>4) 1076</td>
<td>Flatwasher 1/4&quot;</td>
</tr>
<tr>
<td>5) 1056</td>
<td>HHCS 1/4-28 x 3/4&quot;</td>
</tr>
<tr>
<td>6) 1088</td>
<td>Locknut, Nylon Insert 1/4-28</td>
</tr>
<tr>
<td>7) 1055</td>
<td>HHCS 1/4-28 x 1/2&quot;</td>
</tr>
<tr>
<td>8) 1168</td>
<td>Column Feed Pulley Bracket 1L</td>
</tr>
<tr>
<td>9) 1709</td>
<td>Socket, CPS</td>
</tr>
<tr>
<td>10) 2078</td>
<td>Plug 9 Pin</td>
</tr>
<tr>
<td>11) 2063</td>
<td>Pin Female</td>
</tr>
<tr>
<td>12) 2071</td>
<td>Clamp Cable</td>
</tr>
<tr>
<td>13) 3803</td>
<td>Strain Relief, 7/8&quot; x .200</td>
</tr>
<tr>
<td>14) 1840</td>
<td>Receptacle, 6 Circuit CPS</td>
</tr>
<tr>
<td>15) 1179</td>
<td>Bushing, Open/Closed 7/8&quot;</td>
</tr>
<tr>
<td>16) 1655</td>
<td>Column Pulley Shaft, 5/16&quot; Dia.</td>
</tr>
<tr>
<td>17) 1491</td>
<td>Spool Assy, 70mm</td>
</tr>
<tr>
<td>18) 1062</td>
<td>HHCS 5/16-18 x 5&quot;</td>
</tr>
<tr>
<td>19) 1080</td>
<td>Lockwasher 5/16&quot;, Split Ring</td>
</tr>
<tr>
<td>20) 1090</td>
<td>Nut Hex 5/16-18</td>
</tr>
<tr>
<td>21) 1409</td>
<td>Column R1 Castor Bracket, 70mm</td>
</tr>
<tr>
<td>22) 3331</td>
<td>Column End Cap</td>
</tr>
<tr>
<td>23) 1075</td>
<td>Flatwasher #10</td>
</tr>
<tr>
<td>24) 1072</td>
<td>Screw PTH 10-32 x 1/2&quot;</td>
</tr>
</tbody>
</table>

* Variac Assy. 2975 requires some modifications for use on the Hi-Speed 70mm Platter system. See page 5 for details.
Hi-Speed 70mm Take-Up

C) 1556 Pulley Shaft-Castor & Pulley Assy. 70mm
D) 2876 Spool & Shaft Assy. 70mm
1) 1465 Take-Up Stop Pin
2) 1234 Take-Up Stop Pin Spring
3) 1050 E Ring 5/16"
4) 1071 Screw PTH 10-32 x 3/8"
5) 1078 Lockwasher #10, Internal Tooth
6) 1238 Take-up Rail
7) 1237 Take-Up Lower Bracket
8) 1794 Take-Up Upper Bracket, 70mm
9) 2629 Take-Up Slide Shaft & Roller Assy
10) 1813 Take-Up Plt. & Bushing 70mm
11) 2067 Take-up Stop Bumper
12) 1425 Take-Up Removable Weight
13) 2880 Take-Up Assy. Alpha 70mm
14) 1055 HHCS 1/4-28 x 1/2"
15) 1087 Nut Hex 1/4-28
16) 2660 Ball Swivel 1/4-28
17) 2247 Variac Linkage Rod A.
18) 2272 Variac Linkage Rod Assembly A.
Hi-Speed 70mm Variac
2975 Variac Assy., Arm Mount

1) 1083 Nut Hex 6-32
2) 3788 Decal, Fuse
3) 3790 Decal, Cord
4) 2077 Receptacle 9 Pin
5) 2056 Receptacle 4 Pin (std. Sex)
6) 3884 Transformer Type 1010 115v
7) 2391 Strain Relief 5/8 x .125 (.325/.36 dia)
8) 1029 Power Cord 3 Wire
9) 2521 Screw PPH #8 x 3/8" Type 25
10) 1071 Screw PTH 10-32 x 3/8"
11) 1469 Switch Adjusting Plate Assy
12) 2103 Contact Assembly Variac
13) 2111 Micro Switch-Flat Blade-HD
14) 1081 Washer Switch Keyed
15) 3376 Variac Shaft & Hub Hi-Speed 70mm
16) 1005 Brush Variac 115v
17) 2265 Fuse 8 AMP 125v
18) 2338 Fuse 1.5 AMP 250v
19) 1640 Variac Link Type 2
20) 1075 Flatwasher #10
21) 1233 Button Head Cap Screw 10-32 x 3/8"
22) 1091 Screw PPH 10-24 x 3/8" Type F
23) 1078 Lockwasher #10 - Internal Tooth
24) 1024 Toggle Switch SPST On-Off
25) 1009 Fuse Holder
26) 3377 Variac Switch Bracket, Hi-Speed 70mm
27) 1068 PPH 6-32 x .80
28) 2413 Micro Switch-Short Roller Arm
29) 1147 Nut Plate
30) 1910 Screw, PTH 4-40 x 1/4"
31) 3957 Variac Outer Hub, H-S 70mm

**NOTE:** Item 15 replaces the Variac Shaft (3376) used in Variac Assy. 2975. Items 26, 27, 28, 29, 30 & 31 are added to Assy. 2975 for use on the Hi-Speed 70mm Platter System only.
Arm Hi-Speed 70mm

1) 2359 Arm Spindle Plug In Retrofit
2) 2359 Arm Spindle Plug In Retrofit
3) 2129 Bulb 115v Bayonette Base
4) 1837 Plug, 2 Circuit CPS
5) 1708 Pin, CPS
6) 1071 Screw PTH 10-32 x 3/8"
7) 1838 Receptacle, 2 Circuit CPS
8) 1709 Socket, CPS
9) 1183 Arm Bearing Spacer
10) 1065 Screw PTH 6-32 x 1/4"
11) 2068 Receptacle 4 Pin
12) 2367 HWHS 1/4-20 x 5/8"
13) 1839 Plug, 6 Circuit CPS
14) 2063 Socket, CPC
15) 1075 Flatwasher #10
16) 2352 Selector Switch Alpha
17) 1728 Arm Switch Mount. Plate Weldment Alpha
18) 2631 Knob-Selector Switch
19) 2521 Screw PPH #8 X 3/8" Type 25
20) 3787 Decal, Bulb Replacement
Hi-Speed 70mm Disk & Center Ring

C) 1556 Pulley Shaft-Caster & Pulley Assy 70mm
D) 2876 Spool & Shaft Assy., 70mm
1) 1865 One Disk Crated 52"
2) 1084 Locknut, Nylon Insert 6-32
3) 1183 Arm Bearing Spacer
4) 1258 Disk Lower Bearing Grease Retainer
5) 1256 Disk Lower Bearing
6) 1257 Disk Lower Bearing Race Cup
7) 1254 Disk Upper Bearing
8) 1255 Disk Upper Bearing Retaining Ring
9) 3960 Center Ring Assy (includes item #15)
10) 1050 E Ring 5/16"
11) 1265 Shaft #9
12) 1266 Center Ring Knob Spring
13) 1264 Center Ring Knob
14) 1070 Screw PFH 8-32 x 3/8"
15) 1827 Center Ring Knob Assy
16) 1498 Projector Arm Assy 70mm
   (Includes C & D)
17) 3369 Disk Film Clamp Assembly
Hi-Speed 70mm Motor
1826 Drive Motor Assy. Type 3 Alpha

2) 1192 Drv Mtr End Cover
3) 1091 Screw PPH 10-24 x 3/8" Type F
4) 1630 Drv Mtr Hub Type 3, 3/8" dia
5) 1052 Pop Rivet 1/8" X 5/16" Steel
6) 1775 Drv Mtr Diode & Brkt Assy
7) 2026 Back-Up Plt Pop Rivet 1/8"
8) 1004 Brush Motor 115 volt (1 pair)
9) 2856 Strain Relief 5/8 x .062
10) 2070 Clamp Cable #11
11) 2064 Pin Male
12) 2069 Plug 4 Pin
13) 2299 Drv Motor Plug Wire Harness A.
14) 2370 HHCS 1/4-28 x 1 1/4"
15) 2140 Drive Motor Wheel Assy
16) 2362 Drive Motor Rubber Tire
17) 2066 Bearing Drive Wheel 7/8 OD x 3/8 ID
18) 2224 Retaining Ring Internal 7/8"
19) 1128 Bushing Plastic 1/2"
20) 1633 Drive Motor Wheel Spacers Type 3
21) 1632 Drive Motor Wheel Shield Type 3
22) 1088 Locknut, Nylon Insert 1/4-28
23) 1620 Drive Motor Wheel Arm Weldment Type 3
24) 1618 Drive Motor Toggle Handle Weldment Type 3
25) 1631 Drive Motor Linkage Connector Type 3
26) 1634 Drive Motor Connector Link Type 3
27) 1071 Screw PTH 10-32 x 3/8"
28) 1546 Washer, Fiber 5/16" x 7/16" x .015"
29) 1402 Drive Motor Spring Pin
30) 1050 E Ring 5/16"
31) 1818 Drive Motor Spring Type 3
32) 3009 HHCS 1/4-28 x 3 3/4"
33) 1128 Bushing Plastic 1/2"
34) 2796 Drive Motor Adjustment Plate Assembly
   Type 4
35) 1253 Resistor 2 OHM with Mounting Hardware

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Hi-Speed 70mm Control Plate
3071 Control Plate Assy. Plug-in 70mm PHC Complete

D) 2876 Spool & Shaft Assy. 70mm (Includes 1-5)
1) 1431 Spool Shaft, 70mm
2) 1491 Spool Assembly, 70mm
3) 1050 E-Ring, 5/16”
4) 1078 Lockwasher, #10, Internal Tooth
5) 1071 Screw PTH, 10-32 x 3/8”
6) 1592 SHCS, 10-32 x 1/2”
7) 2210 Control Plate & Nut Sub Assy. 70mm
9) 1654 Pulley Shaft-Castor, 5/16” Dia. 70mm
10) 1715 Pulley Assy. 5/16” ID, 70mm
11) 3067 Sensor Arm Spool Assy. 70mm
12) 1436 Control Plate Keeper Tab, 70mm
13) 1153 Control Plate Arm Spool Spacer Float
14) 2006 Control Plate Arm Film Spacer
15) 1072 Screw, PTH, 10-32 x 1/2”
16) 1691 Control Plate Sensor Arm & Hub
17) 2407 Bearing, 5/8 OD x 1/4 ID

18) 4301 Control Plate Exit Feed Spool Spacer, 70mm
19) 1658 Control Plate Exit Shaft #3, 5/16” Dia. 70mm
20) 2380 Control Plate Sensor Arm Washer
21) 2379 Control Plate Sensor Arm Spacer
22) 1742 Control Plate Arm Hub Standoff, 70mm
23) 3009 HHCS, 1/4-28 x 3 3/4”
24) 1079 Lockwasher, 1/4” Split Ring
25) 2357 Control Plate, Plug-In Adapter (Includes item 26)
26) 1064 SHCS, 8-32 x 3/8”
27) 2430 Phase Control Assy. W/mounting Package (includes 28 & 29)
28) 1070 Screw, PFH, 8-32 x 3/8”
29) 1069 Screw, PTH, 8-32 x 3/8”
1) 2674 Pin Crimping Tool
2) 2673 Pin Extraction Tool CPC
3) 2071 Clamp Cable #13
4) 2063 Socket CPC
5) 2078 Plug 9 Pin
6) 2077 Receptacle 9 Pin
7) 2064 Pin CPC
8) 2070 Clamp Cable #11
9) 2069 Plug 4 Pin
10) 2068 Receptacle 4 Pin
11) 2669 Pin Extraction Tool CPS
12) 1709 Socket, CPS
13) 1840 Receptacle, 6 Circuit CPS
14) 1839 Plug, 6 Circuit CPS
15) 1708 Pin, CPS
16) 1838 Receptacle, 2 circuit CPS
17) 1837 Plug, 2 Circuit CPS
18) 1836 Receptacle, 1 Circuit CPS
19) 1835 Plug, 1 Circuit CPS
20) 2057 Plug, 4 Pin - (std sex)
21) 2056 Receptacle 4 Pin - (std sex)