Parts & Accessories
for Yamazen Flash Chromatography Systems



W-Prep 2XY



AI-580S



AI-700X

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YAMAZEN CORPORATION

Tubing and Fittings for Flash Chromatography Systems



B382

Tubing for W-Prep 2XY (80mL/min, 1.0 MPa)

Article No.	Product	I.D. x O.D. x Length (mm)	
B382	Solvent suction tubing with filter	3x4x2000	
B385	Tubing between Gradientor and pump	3x4x140	
B371	Tubing between pump and damper	2x3x260	
B373	Tubing between damper and pressure sensor	2x3x120	
B374	Tubing between pressure sensor and column for Ch-1	2x3x1200	
B375	Tubing between pressure sensor and column for Ch-2	2x3x1300	
B376	Tubing between column and UV flow cell	2x3x550	
B367	Tubing for waste (going out from fraction collector)	2x3x1500	
B377	Tubing assy for Ch-1 (from inlet of fraction collector to the waste tubing)	A pair of 2x3x1240 and 1.5x3x1240	
B378	Tubing assy for Ch-2 (from inlet of fraction collector to the waste tubing)	A pair of 2x3x1240 and 1.5x3x1340	

Tubing for AI-580S (80mL/min, 1.0 MPa)

Article No.	Product	I.D. x O.D. x Length (mm)	
B382	Solvent suction tubing with filter	3x4x2000	
BA385	Tubing between Gradientor and pump	3x4x100	
BA371	Tubing between pump and damper	2x3x240	
BA373	Tubing between damper and pressure sensor	2x3x100	
B374	Tubing between pressure sensor and column	2x3x1200	
B376	Tubing between column and UV flow cell	2x3x550	
B367	Tubing for waste (going out from fraction collector)	2x3x1500	
B378	Tubing assy (from inlet of fraction collector to the waste tubing)	A pair of 2x3x1340 and 1.5x3x1340	



BX712

Tubing for AI-700X (200mL/min, 1.5 MPa)

Article No.	Product	I.D. x O.D. x Length (mm)	
BX712	Solvent suction tubing with filter	4x6x2350	
BX381	Tubing between Gradientor and solvent mixer	4x6x300	
BX390	Tubing between solvent mixer and pump	4x6x180	
BX371	Tubing between pump and damper	3x4x150	
BX361	Tubing between damper and pressure sensor	3x4x200	
BX372	Tubing between pressure sensor and column	2x3x1300	
BX366	Tubing between column and UV flow cell	2x3x600	
BX367	Tubing for waste (going out from fraction collector)	2x3x1500	
AX948	Tubing assy (from inlet of fraction collector to the waste tubing)	A pair of 2 pieces of 2x3x1300	

Tubing and Fittings for Flash Chromatography Systems


BX712

Tubing for AI-700X-1CSC (150mL/min, 1.0 MPa)

Article No.	Product	I.D. x O.D. x Length (mm)	
BX712	Solvent suction tubing with filter	4x6x2350	
BX381	Tubing between Gradientor and solvent mixer	4x6x300	
BX390	Tubing between solvent mixer and pump	4x6x180	
BX391	Tubing between pump and damper	2x3x150	
BX392	Tubing between damper and pressure sensor	2x3x200	
BX372	Tubing between pressure sensor and column	2x3x1300	
BX366	Tubing between column and UV flow cell	2x3x600	
BX367	Tubing for waste (going out from fraction collector)	2x3x1500	
AX948	Tubing for waste (going out from fraction collector)	A pair of 2 pieces of 2x3x1300	

AI-700X-2CSC 350mL Version (350mL/min, 1.0 MPa)

Article No.	Product	I.D. x O.D. x Length (mm)	
BX712	Solvent suction tubing with filter	4x6x2350	
BX381	Tubing between Gradientor and solvent mixer	4x6x300	
BX390	Tubing between solvent mixer and pump	4x6x180	
BX371	Tubing between pump and damper	3x4x150	
BX361	Tubing between damper and pressure sensor	3x4x200	
BX393	Tubing between pressure sensor and column	3x4x1300	
BX394	Tubing between column and UV flow cell	3x4x600	
BX395	Tubing for waste (going out from fraction collector)	3x4x1500	
BX343	Tubing assy (from inlet of fraction collector to the waste tubing)	A pair of 2 pieces of 3x4x1300	

AI-700X-2CSC 400mL Version (400mL/min, 1.0 MPa)

Article No.	Product	I.D. x O.D. x Length (mm)	
BX396	Solvent suction tubing with filter	6x8x2350	
BX381	Tubing between Gradientor and solvent mixer	4x6x300	
BX390	Tubing between solvent mixer and pump	4x6x180	
BX371	Tubing between pump and damper	4x6x150	
BX397	Tubing between damper and pressure sensor	4x6x200	
BX398	Tubing between pressure sensor and column	4x6x1300	
BX399	Tubing between column and UV flow cell	4x6x600	
BX385	Tubing for waste (going out from fraction collector)	4x6x1500	
AX386	Tubing assy (from inlet of fraction collector to the waste tubing)	A pair of 2 pieces of 4x6x1300	

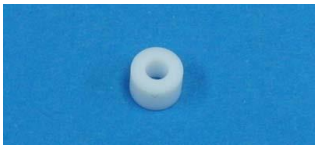
Tubing and Fittings for Flash Chromatography Systems



Teflon tube - Standard



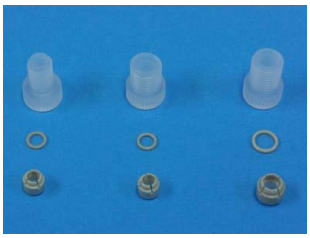
Teflon tube – Antistatic



A260

Teflon tube

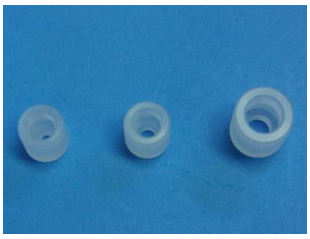
Article No.	I.D. x O.D. x Length (mm)	Remark	
B301	2 mm x 3 mm x 10 meter	Standard	
B306	2 mm x 3 mm x 10 meter	Antistatic	
B307	1.5 mm x 3 mm x 10 meter	Antistatic	
B302	3 mm x 4 mm x 10 meter	Standard	
B308	3 mm x 4 mm x 10 meter	Antistatic	
B309	4 mm x 6 mm x 10 meter	Standard	
B314	4 mm x 6 mm x 10 meter	Antistatic	
B319	6 mm x 8 mm x 10 meter	Standard	
B326	6 mm x 8 mm x 10 meter	Antistatic	
A260	Teflon plug (to put on at the end of solvent suction tube)		



B555 B556 B557

Fit Set

Article No.	Type	Tube to use with	O.D. x Length (mm)	
B555	A-type	3mm O.D.	10x15	
B556	B-type	3mm O.D.	10x13	
B557	C-type	4mm O.D.	10x15	



B481 B482 B558

Flare Nut

Article No.	Product	
B481	Flare nut for 3mm O.D. tube	
B482	Flare nut for 4mm O.D. tube	
B558	Flare nut for 6mm O.D. tube	

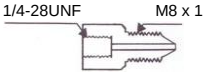
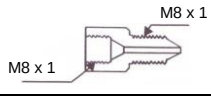


Tubing Connector
Connecting Fit type tubing with Flare type tubing

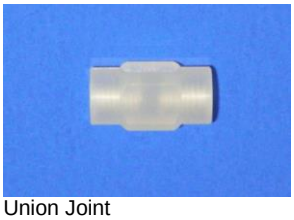
B401
B402
B403



Tubing Connector

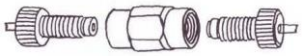
Article No.	Type	Spec. / Application	Bore dia. (mm)	
B401		For connecting Fit type Teflon tube (A type) with Flare type Teflon tube (for flow rate less than 50mL/min.)	1.5	
B402		For connecting Fit type Teflon tube (A type) with Flare type Teflon tube (for flow rate more than 50mL/min.)	2.5	
B403		For connecting Fit type Teflon tube (B&C type) with Flare type Teflon tube	2.5	

Tubing and Fittings for Flash Chromatography Systems

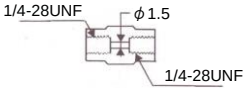
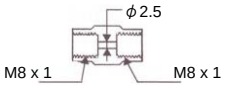
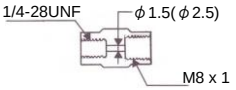


Union Joint
Connecting two Fit type tubes together

B427, B432, B433
B434, B435, B438



Union Joint

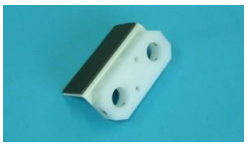
Article No.	Type	Spec. / Application	
B432		For connecting two A type Fit tubes together (Bore diameter 1.5mm)	
B438		For connecting two A type Fit tubes together (Bore diameter 2.5mm)	
B427		For connecting two B or C type Fit tubes together (Bore diameter 1.5mm)	
B433		For connecting two B or C type Fit tubes together (Bore diameter 2.5mm)	
B434		For connecting A type Fit tube with B type Fit tube (Bore diameter 1.5mm)	
B435		For connecting A type Fit tube with B type Fit tube (Bore diameter 2.5mm)	



B720



B721



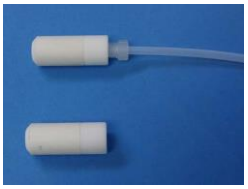
B725

Line Filter

Article No.	Product	
B720	Line filter assembly	
B721	Spare glass filter	
B725	Line filter mounting bracket	

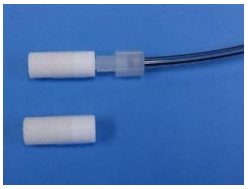
B712

B711



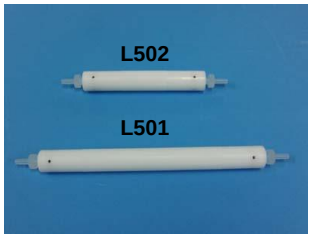
B717

B716



Solvent Suction Filter

Article No.	Product	
B711	Solvent suction filter for AI-580S and W-Prep 2XY	
B712	Solvent suction tube with filter for AI-580S and W-Prep 2XY	
B716	Solvent suction filter for AI-700X Series	
B717	Solvent suction tube with filter for AI-700X Series	



Dummy Column (for line flushing)

Article No.	Product	O.D. x Length (mm)	
L502	Dummy column - short	18x150	
L501	Dummy column - long	18x220	

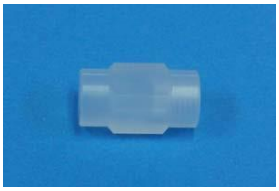
Fittings to Use for Column Setting


L021


L033


B064


L011

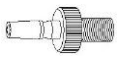
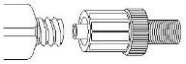
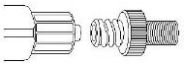
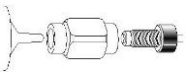
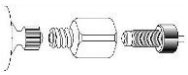
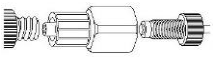

B490


L034


L004


L012

Fittings

Article No.	Product	Spec. / Application	
L021	Luer joint – male (Material: plastic)	To use with Inject Column  1/4-28UNF	
L033	Luer lock joint – female (Material: stainless steel) Note: L033 and B064 are the same except material.	Lure Lock  1/4-28UNF	
B064	Luer lock joint – female (Material: plastic)	Same as L033	
L011	Luer lock joint – male (Material: plastic)	Lure Lock  1/4-28UNF	
B490	Syringe joint	 1/4-28UNF	
L034	Luer lock joint – female (Intermediate connector, material: stainless steel) Note: L034 and L004 are the same except material.	Lure Lock  1/4-28UNF	
L004	Luer lock joint – female (Intermediate connector, material: plastic)	Same as L034	
L012	Luer lock joint – male (Intermediate connector, material: plastic)	Lure Lock  1/4-28UNF	

Parts & Accessories for Column Stand and Columns



LK105



LK103

Column Mounting Bracket

Article No.	Product	
LK101	Column mounting bracket – top, black color	
LK105	Column mounting bracket – top, blue color	
LK201	Column mounting bracket – top for Ultra Pack Column	
LK102	Column mounting bracket – middle, black color	
LK103	Column mounting bracket – middle, blue color	
LK111	Column mounting bracket – bottom, black color	
LK115	Column mounting bracket – bottom, blue color	
LK211	Column mounting bracket – bottom for Ultra Pack Column	
LL001	Lock lever	



LK115



LK201

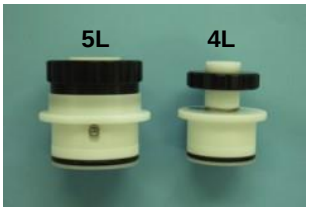


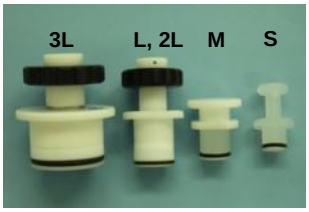
LK211



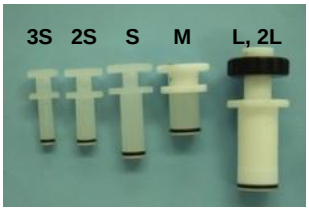
LL001

Column Adaptors for Hi-Flash Columns





Column Adaptors for Inject Columns



Column Adaptor for Hi-Flash Column

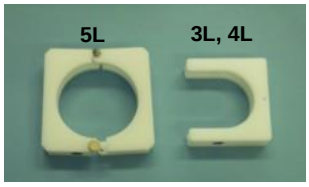
Article No.	Product	
B090	Column adaptor for Hi-Flash Column 5L	
B080	Column adaptor for Hi-Flash Column 4L	
B070	Column adaptor for Hi-Flash Column 3L	
B060	Column adaptor for Hi-Flash Column L/2L	
B062	Column adaptor for Hi-Flash Column M	
B061	Column adaptor for Hi-Flash Column S	

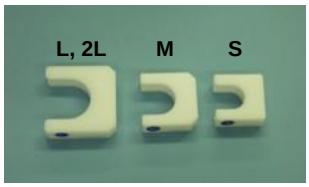
Column Adaptor for Inject Column

Article No.	Product	
B090	Column adaptor for Inject Column 5L	
B080	Column adaptor for Inject Column 4L	
B070	Column adaptor for Inject Column 3L	
B068	Column adaptor for Inject Column L/2L	
B062	Column adaptor for Inject Column M	
B066	Column adaptor for Inject Column S	
B065	Column adaptor for Inject Column 2S	
B069	Column adaptor for Inject Column 3S	

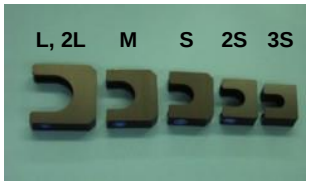
Parts & Accessories for Column Stand and Columns

Column Holders for Hi-Flash Columns

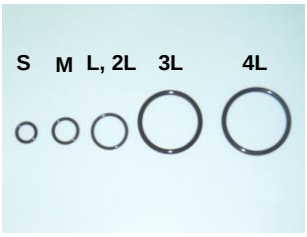




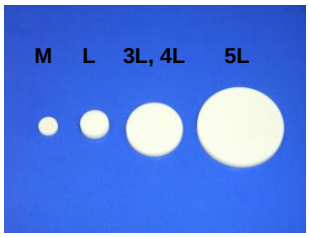
Column Holders for Inject Columns



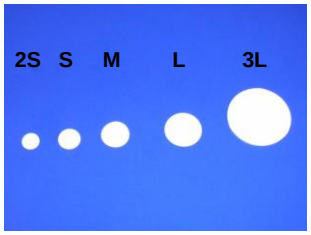
O-ring for Column Adaptor



Glass Filter for Column Adaptor



Filter for Inject Column



Column Holders for Hi-Flash Columns

Article No.	Product	
A991	Column holder for Hi-Flash Column 5L	
A984	Column holder for Hi-Flash Column 3L/4L	
A980	Column holder for Hi-Flash Column L/2L	
A981	Column holder for Hi-Flash Column M	
A982	Column holder for Hi-Flash Column S	

Column Holders for Inject Columns

Article No.	Product	
A991	Column holder for Inject Column 5L	
A984	Column holder for Inject Column 3L/4L	
A988	Column holder for Inject Column L/2L	
A981	Column holder for Inject Column M	
A986	Column holder for Inject Column S	
A985	Column holder for Inject Column 2S	
A989	Column holder for Inject Column 3S	

O-ring for Column Adaptor

Article No.	Product	
B056	O-ring for adaptor for Hi-Flash column & Inject column 5L	
B055	O-ring for adaptor for Hi-Flash column & Inject column 4L	
B054	O-ring for adaptor for Hi-Flash column & Inject column 3L	
B052	O-ring for adaptor for Hi-Flash column & Inject column L/2L	
B051	O-ring for adaptor for Hi-Flash column & Inject column M	
B053	O-ring for adaptor for Hi-Flash column S	
B050	O-ring for adaptor for Inject column S	
B049	O-ring for adaptor for Inject column 2S	
B048	O-ring for adaptor for Inject column 3S	

Glass Filter for Column Adaptor

Article No.	Product	
B091	Glass filter of column adaptor 5L	
B071	Glass filter of column adaptor 3L/4L	
B072	Glass filter of column adaptor L/2L	
B073	Glass filter of column adaptor M	

Filter for Inject Column

Article No.	Product		Article No.	Product	
W999-T	Upper filter of 3S Inject column		W999-B	Bottom filter of 3S Inject column	
W995-T	Upper filter of 2S Inject column		W995-B	Bottom filter of 2S Inject column	
W996-T	Upper filter of S Inject column		W996-B	Bottom filter of S Inject column	
W997-T	Upper filter of M Inject column		W997-B	Bottom filter of M Inject column	
W998-T	Upper filter of L/2L Inject column		W998-B	Bottom filter of L/2L Inject column	
W994-T	Upper filter of 3L Inject column		W994-B	Bottom filter of 3L Inject column	
W992-T	Upper filter of 4L Inject column		W992-B	Bottom filter of 4L Inject column	
W993-T	Upper filter of 5L Inject column		W993-B	Bottom filter of 5L Inject column	

Remarks: Prices of the filter for Inject Column are for 100 pieces/package.

Parts for Pumps



A217, A218



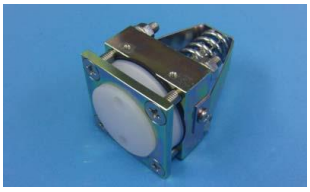
A219



P044



A219+P044+P030



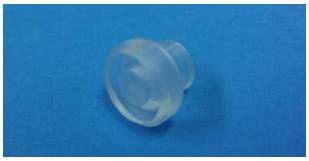
P045



A762



A764



A250

Parts for Pump

Article No.	Product	
A217	Pump head module 2CSC for AI-700X, 200mL, 350mL and 400mL versions	
A218	Pump head module 1CSC AI-700X, 150mL version	
P032	Coupling for AI-700X	
P023	Lip seal R408-2A for AI-700X, 200mL, 350mL and 400mL versions	
P022	Lip seal R408-1A for AI-700X 150mL version	
P043	Gland Washer R409-2 for AI-700X, 200mL, 350mL and 400mL versions	
P042	Gland washer R409-1 for AI-700X 150mL version	
A219	Piston cylinder group 1CTC for AI-580S and W-Prep2XY	
P044	Base assy RH-S for AI-580S and W-Prep 2XY	
P030	Cylinder cap	
P031	Coupling for AI-580S and W-Prep2XY	
P017	Lip seal H408-1A for AI-580S and W-Prep 2XY	
P027	Grand Washer H409-1 for AI-580S and W-Prep 2XY	



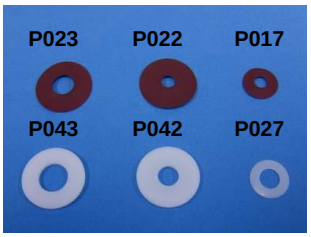
P030



P031



P032



Damper

Article No.	Product	
P045	Damper	

Solenoid Valve for Gradientor

Article No.	Product	
A762	Solenoid valve for Gradient, MLV-3-M8, less than 350mL/min.	
A764	Solenoid valve for Gradient, NRV-6E2, more than 400mL/min.	

Pump Switch Cover

Article No.	Product	
A250	Pump switch cover	

Motors

Article No.	Product	
P046	Motor K0454-F2U for AI-580S and W-Prep 2XY	
P047	Motor AXH015K-5 for AI-700X Series	

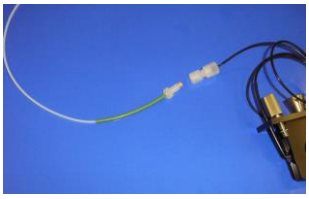
Parts and Accessories of UV Detectors



A420, A421



A400, A401



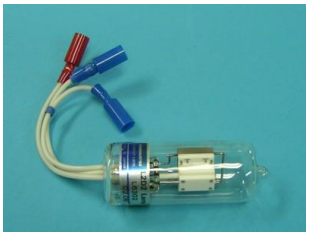
Connecting a flow cell with a Teflon tube.

UV Flow Cells

Article No.	Product	
A420	Flow Cell for 254nm, 0.1mm light path length	
A421	Flow Cell for 254nm, 0.2mm light path length	
A400	Flow cell for variable wavelength, 0.1mm light path length	
A401	Flow cell for variable wavelength, 0.2mm light path length	



A390



A335

UV Lamps

Article No.	Product	
A390	Mercury Lamp for 254nm UV detectors	
A335	D2 Lamp for variable wavelength UV detectors	



A410

Flow Bypass Assembly

Article No.	Product	
A410	Flow bypass assembly	

Parts and Accessories of Fraction Collectors



A763

Solenoid Valve

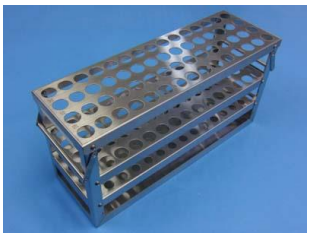
Article No.	Product	
A763	Solenoid valve for fraction collector MTV-3-M6G-15	



A735 A736 A737

Nozzle Tip

Article No.	Product	
A735	Nozzle Tip – Long, 1mm I.D., for AI-580S and W-Prep 2XY	
A736	Nozzle Tip – Short, 1mm I.D., for AI-580S and W-Prep 2XY	
A737	Nozzle Tip – Short, 2mm I.D. for AI-700X	



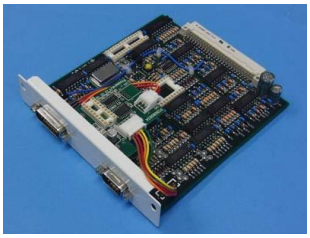
WP18150



WP18180

Tube Racks (for the U.S. Standard Test Tubes)

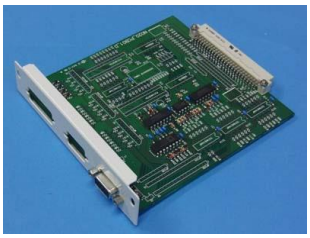
Article No.	Fraction Collector	Tube size (OD x Length)	Quantity of tubes	
WP13100	FR-260 (for W-Prep2XY)	13x100mm	60	
WP15125		15x125mm	60	
WP16125		16x125mm	60	
WP16150		16x150mm	60	
WP18150		18x150mm	60	
WP20150		20x150mm	52	
WP25150		25x150mm	30	
WP25200		25x200mm	30	
AI13100	FR-360 (for AI-580S & AI-700X)	13x100mm	75	
AI15125		15x125mm	75	
AI16125		16x125mm	75	
AI16150		16x150mm	75	
AI18150		18x150mm	75	
AI25150		25x150mm	30	
AI25200		25x200mm	30	



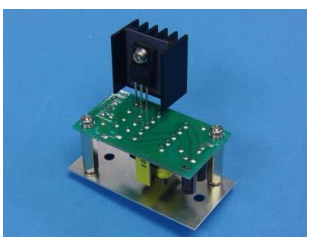
A880

Tubes Racks (For Japanese Standard Test Tubes)

Article No.	Fraction Collector	Tube size (OD x Length)	Quantity of tubes	
WP15150	FR-260 (for W-Prep2XY)	15x150mm	60	
WP18180		18x180mm	60	
WP24180		24x180mm	30	
WP21180		21x180mm	52	
WP30180		30x180mm	27	
WP30200		30x200mm	27	
AI15150	FR-360 (for AI-580S & AI-700X)	15x150mm	75	
AI18180		18x180mm	75	
AI24180		24x180mm	30	
AI30180		30x180mm	27	
AI30200		30x200mm	27	
AI60180-L		60x180mm	10	
AI60180-R		60x180mm	10	



A881



A882

Printed Circuit Boards

Article No.	Product	
A880	Control board N022 (in fraction collector)	
A881	Interface board N020 (in fraction collector)	
A882	Lighting circuit board (in UV detector)	

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