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APPENDIX III
MONOCHROMATOR MANUAL

*SF-61DX2. Appendix III.
Issue 2. July, 2002.*

APPENDIX IV
CIRCULATOR MANUAL

SF-61DX2. Appendix IV.
Issue 2. July, 2002.

APPENDIX V

SEALS & O-RINGS FOR THE SF-61DX2

The following table lists the seals associated with the SF-61DX2; note that an item number enables identification of most of the seals from Figure V. All measurements are in millimeters.

Item No.	Part No.	Description	Remarks
75	1037	Rubber grommet	Thorsman TET-C-7-10 Drive syringes
81	3269	Quad seal – nitrile O/D 36.3 x I/D 33 x 1.78 section	Busak Shamban Code 4027-366Y Cell block
82	3270	Quad seal – nitrile O/D 20.5 x I/D 17.4 x 1.78 section	Busak Shamban Code 4017-366Y Cell block
83	3281	O seal – nitrile O/D 6.5 x I/D 3.2 x 1.78 section	Code 801 Waste tube adaptor
84	3282	O seal – nitrile O/D 12.7 x I/D 9.5 x 1.78 section	Code 012 Front cover valve stem
86	1337	O seal – nitrile O/D 17.2 x I/D 14 x 1.78 section	Code 015 Reservoirs
87	7250	O seal – nitrile O/D 136 x I/D 133 x 1.78 section	Code 050 Front cover
88	2023	O seal – nitrile O/D 15 x I/D 12.5 x 1.6 section	Code 0121-16 Luer
89	2024	O seal – nitrile O/D 11 x I/D 8.5 x 1.6 section	Code 0081-16 Collar
90	2025	O seal – nitrile O/D 11 x I/D 7.6 x 1.78 section	Code 011 Blanking plug; Fluorescence end window plug

*SF-61DX2. Appendix V.
Issue 2. July, 2002.*

148	3630	Glydring O/D 20 x I/D 15	Parker Pneumatics Code 516-4 Pneumatic cylinder
181	2065	O Seal cord – nitrile 1.6 diameter	RS 567-109 Upper thermostat bath
	3507	O seal – nitrile O/D 16 x I/D 13 x 1.6	Code 0131-16 Fluorescence side window plug
	2081	O seal – nitrile O/D 22 x I/D 19.1 x 1.6 section	Code 0191 –16 PM FH-61; PM & PDA optocouplings

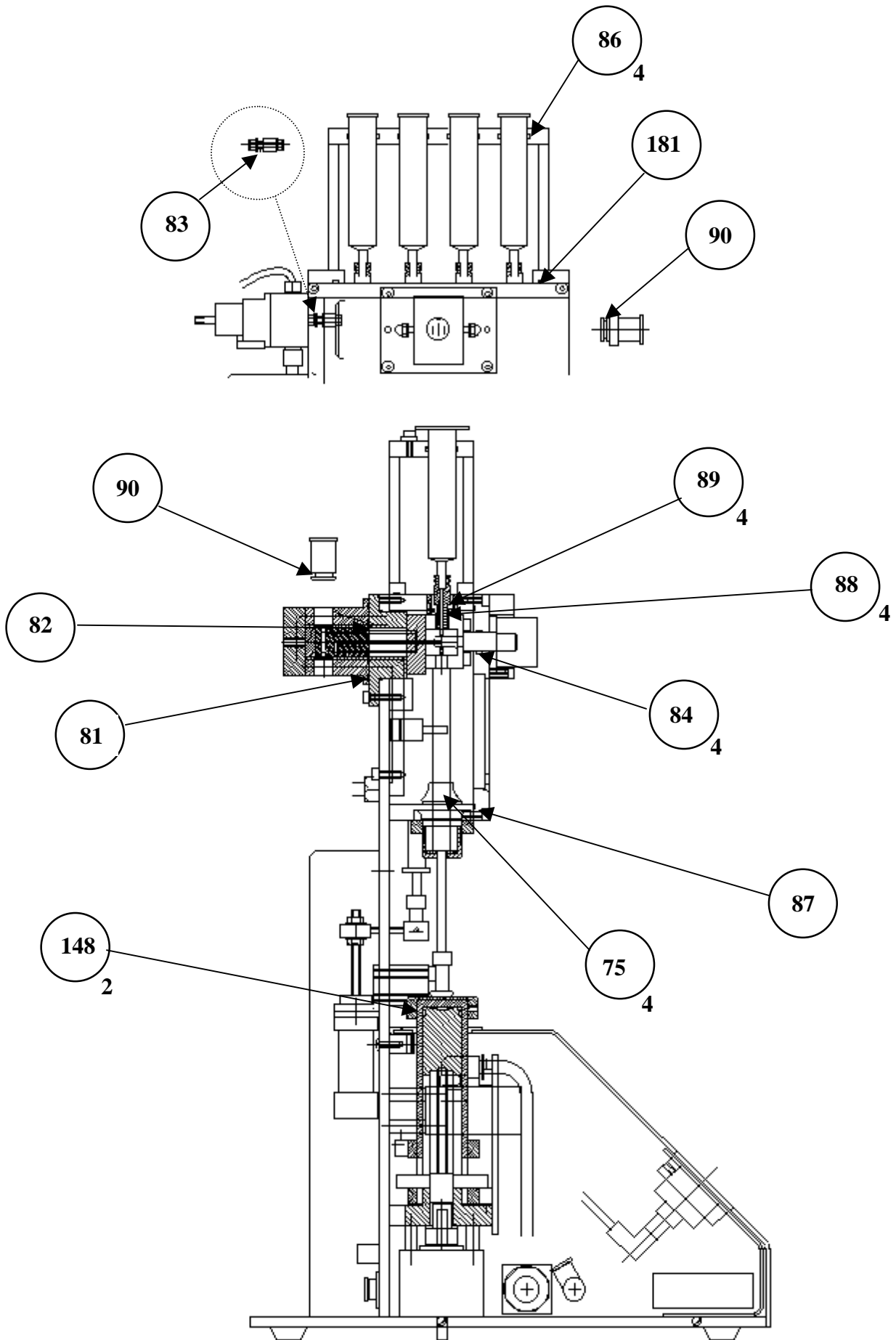


Figure V – Identification of Seals & O Rings

APPENDIX VI

RISK ASSESSMENT for USE OF SF-61DX2 STOPPED-FLOW SYSTEM

*SF-61DX2. Appendix VI.
Issue 1. January, 2003*

Hazard	Risk of	To Whom	Risk Level*	Control Measures
High Intensity Light Source	Fire	Anyone in building	1	Ensure nothing placed on top of lamp housing.
	Eye damage	User, anyone in room	2	Avoid viewing light beam, including reflected beam. Wear UV blocking eye protection.
	Explosion	User, anyone in room	2	Handle arc lamps with extreme caution. Handle only by the ferrules, only when cool. Wear facial protection and gloves during handling.
	Burns	User	1	Touch lamp housing with caution when lamp is ignited.
High Voltage	Electric shock	User	1	Do not open any units, other than the lamp housing, unless instructed by Hi-Tech. Switch power off in the event of malfunction.
Computer screen	Long term - as for general computer use.	User	1	As for general computer use
Chemicals	Skin, respiratory or other bodily damage.	User, anyone in room	2	Always observe appropriate handling precautions. Wear protective gloves and face masks where appropriate. Handle organic solvents with extreme caution and avoid contact with the SHU-61DX2 sample handling unit.

*Risk level 1-5 = very low to very high risk.



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