




| REVISIONS | | | | |
|-----------|------|--|---------|------|
| SYM. | ZONE | DESCRIPTION | DATE | APP. |
| A | | TWO SMALL FLANGES ADDED ON TOP OF PART ITEM 2. ONE OF FLANGES ITEM 5 REPLACED BY ITEM 3. | 6/11/07 | VM |
| B | | ADJUSTED TITLE BLOCK TOLS. AND ADDED MEYER TOOL NOTE. TMK | 7/16/07 | EPC |

Release of final PO version for Meyer Tool - July 16, 2007

| | | | | | | |
|----|-------------------|------------------------------------|-----|--|---------------|--|
| 31 | PUR. | #10 Spring Lock Washer | 16 | | St. Steel | |
| 30 | PUR. | 1/4 Spring Lock Washer | 116 | | St. Steel | |
| 29 | PUR. | 5/16 Spring Lock Washer | 264 | | St. Steel | |
| 28 | PUR. | 5/16 Washer | 24 | | St. Steel | |
| 27 | PUR. | 5/16-24 Hex Nut | 264 | | St. Steel | |
| 26 | PUR. | 10-32 x 5/8 Socket Head Cap Screw | 16 | | St. Steel | |
| 24 | PUR. | 1/4-28 x 5/8 Sock. Head Cap Screw | 24 | | St. Steel | |
| 23 | PUR. | 1/4 28 x 3/4 Socket Head Cap Screw | 76 | | St. Steel | |
| 22 | PUR. | 1/4-28 x 1 Socket Head Cap Screw | 16 | | St. Steel | |
| 21 | PUR. | 5/16-24 x 1-1/2 Hex Cap Screw | 24 | | St. Steel | |
| 20 | PUR. | 5/16-24 x 1-3/4 Hex Cap Screw | 240 | | St. Steel | |
| 19 | PUR. | 1.5 ID x 1/8 W (#222) O-RING | 1 | | Viton or EPDM | |
| 18 | PUR. | 4.0 ID x 1/8 W (#242) O-RING | 2 | | Viton or EPDM | |
| 17 | PUR. | 5.5 ID x 3/16 W (#357) O-RING | 3 | | Viton or EPDM | |
| 16 | PUR. | 8.5 ID x 3/16 W (#371) O-RING | 2 | | Viton or EPDM | |
| 15 | PUR. | 10.0 ID x 3/16 W (#377) O-RING | 6 | | Viton or EPDM | |
| 14 | PUR. | 11.0 ID x 3/16 W (#379) O-RING | 20 | | Viton or EPDM | |
| 13 | PUR. | 13.0 ID x 3/16 W (#382) O-RING | 1 | | Viton or EPDM | |
| 12 | 7110-018, Item 12 | WPM WEIGHT FIXING BLANK | 1 | | | |
| 11 | 7110-018, Item 11 | 2 K WIRE TUBE BLANK | 2 | | | |
| 10 | 7110-018, Item 10 | TOP PORT BLANK | 6 | | | |
| 9 | 7110-018, Item 6 | CRYOLINE PORT COVER SUBASM | 1 | | | |
| 8 | 7110-018, Item 8 | BEAM LINE PORT BLANK | 2 | | | |
| 6 | 7110-018, Item 6 | INPUT COUPLER PORT BLANK | 20 | | | |
| 5 | 7110-018, Item 5 | GATE VALVE PORT BLANK | 3 | | | |
| 3 | 7102-078 | VAC. VESSEL PUMP FLANGE ASM. | 1 | | | |
| 2 | 7102-054 | Vacuum Vessel Assembly | 1 | | | |
| 1 | 7102-055 (SH.1) | VAC. VESSEL LEAK CHECK ASM. | X | | | |

| | | | | | | | | |
|---|---|--|---|-----------------------------------|--------------------|-----------------------|------------------|-------|
|  | ITEM | DWG. NO. | DESCRIPTION | G1 | G2 | G3 | REMARKS | REV. |
| | | | | QUANTITY | | | | |
| PRINT DISTR. | PLOT DATE: 7/16/2007 CAD FILE NAME: 7102-055.idw | | | | | | | |
| D 7102-055 SH. NO. 1 OF 1 | CR-1 | UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES ON: 0.0 ± 0.02 0.00 ± 0.010 0.000 ± 0.005 FRACTIONS ± 1/32 ANGLES ± 0.5° ALL SURFACES ✓ | <div><div>CORNELL UNIVERSITY</div><div>CORNELL UNIVERSITY Floyd R. Newman Laboratory Ithaca, NY 14853</div><div>LABORATORY FOR ELEMENTARY-PARTICLE PHYSICS</div></div> <div>ERL Injektor Cryomodule Vacuum Vessel Leak Check Assembly</div> | | | | | |
| | | | | | | | | |
| | | | REV. B | CHECKED BY: VM APPROVED BY: ML | DRAWN BY RHE/Jo | DRAWN FOR M. Liepe | DATE 4/3/2007 | SCALE |