Double MOT ultracold matter cell with AR coated science cell

- **3D MOT Science cell (shown as SAR-2016)**
  - 2.205 clear aperture
- **Electrical (banana) connection to alkali metal dispenser**
- **Coil rails compatible with MAG-1000 - MOT coils**
- **MAG-3000 - 3 axis coils**
- **2 l/s ion pump (magnets not shown)**

- **8-32 tapped holes for horizontal mounting (three faces)**
- **2D MOT source cell**
- **1.4 Clear aperture**
- **4x 8-23 tapped holes for mounting MAG-2000 2D MOT magnet assembly**
- **0.75 \( \phi 0.03 \) pinhole aperture**

- **2 l/s ion pump (magnets not shown)**

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**FOR INFORMATION ONLY**

**NOT FOR MANUFACTURING PURPOSES**

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**DRAWING PROJECTION**

**DESCRIPTION**: Double MOT ultracold matter cell with AR coated science cell

**DRAWN**: E. Salm 4/18/2017

**APPROVED**: T. Baringer 4/18/2017

**PART NUMBER**: UAC-2000-SAR

**SCALE**: 1:4

**DIMENSIONS IN:**

- Inches
- Millimeters

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