

Materials List for:

Reservoir Condition Pore-scale Imaging of Multiple Fluid Phases Using X-ray Microtomography

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Materials

| Name | Company | Catalog Number | Comments |
|---|-------------------------|-------------------|--|
| High Pressure Syringe Pump | Teledyne ISCO | 1000D | |
| Parr Reactor | Parr Instrument Company | 4547A - hastelloy | |
| PEEK Tubing | Kinesis | 1560xL | |
| Potassium Iodide Salt | Sigma Aldrich | 30315-1KG | |
| Carbon Dioxide | BOC | CO2 - size E | |
| Thermocouple | Omega Engineering | KMTSS-IM300U-150 | |
| Kapton Flexible Heater | Omega Engineering | KH-112/10-P | |
| X-Ray Microscope | Zeiss | Versa XRM 500 | |
| Snoop Leak Detector | Swagelok | MS-SNOOP-8OZ | |
| Flouro-Elastomer Polymer (Viton) Sleeve | Fisher Scientific | 11572583 | |
| Micro-CT Coreholder | Airborne Composites | 262mm Coreholder | Constructed in conjunction with Imperial College |
| Tomographic program | Zeiss | XM-Reconstructor | |
| ImageJ - image processing | NIH | ImageJ | |
| Matlab | Mathworks | Matlab | Used for regression analysis |
| Avizo | FEI | Avizo | |