

Materials List for:

# Dynamic Pore-scale Reservoir-condition Imaging of Reaction in Carbonates Using Synchrotron Fast Tomography

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URL: <https://www.jove.com/video/53763>

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## Materials

Name	Company	Catalog Number	Comments
NaCl salt	Sigma Aldrich	S7653-1KG	
KCl salt	Sigma Aldrich	P9333-1KG	
KI salt	Sigma Aldrich	30315-1KG	
Core holder	Airbourne Composites	110 mm Core holder	Constructed in conjunction with Imperial College
PEEK tubing	Kinesis	1560xL	
Thermocouple	Omega Engineering	KMTSS-IM300U-150	
Flexible Heating Tape	Omega Engineering	KH-112/10-P	
1/16" Needle Valve	Hydrasun Ltd	MVE1002	
High Pressure Syringe Pump	Teledyne ISCO	1000D	
600 mL Parr Reactor	Parr Instrument Company	4547A - hastelloy	
CO <sub>2</sub> Cylinder	BOC	CO2 - size E	
Viton	Fisher Scientific	11572583	
Aluminium Foil	Coroplast	1510AWX	
ImageJ - image processing	NIH	ImageJ	
Matlab	Mathworks	Matlab	Used for data analysis
Avizo	FEI	Avizo	
Snoop Leak Detector	Swagelok	MS-SNOOP-8OZ	