

Materials List for

Performing *In Situ* Closed-Cell Gas Reactions in the Transmission Electron Microscope

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jove.com/video/62174

Materials

Name	Company	Catalog Number	Comments
Atmosphere Clarity Software	Protochips	6.5.14	
Atmosphere Large Heating E-chips, 300 x 300 window, no spacer	Protochips	EAT-33AA-10	microchip device
Atmosphere Small E-chips, 300 x 300 micron window, 5 micron SU-8 spacer	Protochips	EAB-33W-10	microchip device
JEOL 2200FS	JEOL		microscope
M-bond 610	Electron Microscopy Sciences	50410-30	cyanoacrylate (CA) glue
Mikron M9103 IR camera	Micron		This is used by Protochips/ not available
Protochips "Fusion" E-chips	Protochips		spacer chip with removed Si _x N _y membrane
Protochips Atmosphere 200	Protochips	prototype	software
Residual Gas Analyzer R100 (RGA)	Stanford Research Systems	R100 SRS	