

KOH anisotropic etching Bath



Potassium Hydroxide (KOH) etching is a wet chemical etching process used to create cavities in silicon. Highly corrosive alkaline chemical compound ($\text{pH} > 12$) is used in conjunction with DI water and thermal regulation. The etch rate is depending on the concentration of the KOH solution and temperature. KOH is a strong, corrosive base and should be handled with extreme care.

Location: 3054C, clean room

Training: 1 training and a checkout session

- Product info : <https://www.modutek.com/>
- **System Features:**
 - Teflon (PFA) diffuser plate
 - Teflon (refluxor) condensing system
 - Teflon immersion heater (120VAC)
 - Vessel inside dimensions to be 8.0" x 8.0" x 8.0" liquid level
 - Tank sized for 1-6" carrier
 - Teflon pneumatic pump
 - Teflon filter housing