

**Please provide the following information:**

This will allow us to suggest the appropriate evaporation source for your application

Customer Name	
Affiliation	
Address	
Email	

1. Which material, element or molecule do you want to evaporate? \_\_\_\_\_
2. What is the expected operating temperature range? \_\_\_\_\_
3. What is the typical deposition rate (co-deposition:  $\mu\text{m/h}$  or  $\text{nm/s}$ , doping level etc.)? \_\_\_\_\_
4. What is the substrate size and material? \_\_\_\_\_
5. Substrate rotation (yes/no) \_\_\_\_\_; Deposition homogeneity (+/- %) \_\_\_\_\_
6. Provide information about the deposition geometry:
  - drawing or sketch of the UHV chamber \_\_\_\_\_
  - distance from source orifice to substrate \_\_\_\_\_
  - size of mounting flange, inner diameter of the port \_\_\_\_\_
  - angular arrangement and position \_\_\_\_\_
  - type of UHV or MBE system used (Riber 32P, Veeco GEN II, home made ...) \_\_\_\_\_
7. Environment (e.g. UHV,  $\text{O}_2$  background pressure, P, As, Se background pressure ...) \_\_\_\_\_ mbar
8. Applications (GaAs/AlGaAs MBE, oxid MBE, organic materials, OLED, etc.) \_\_\_\_\_
9. Source Options / Additional Equipment
  - water cooling shroud needed? \_\_\_\_\_
  - source shutter needed? \_\_\_\_\_
  - shutter motorization needed? \_\_\_\_\_ (electric / pneumatic?: \_\_\_\_\_)
  - power supply, PID controller? \_\_\_\_\_
  - increased bakeability ( $200^\circ\text{C}$ ) of cables needed? \_\_\_\_\_

 -> Please send by email to [info@mbe-components.com](mailto:info@mbe-components.com)