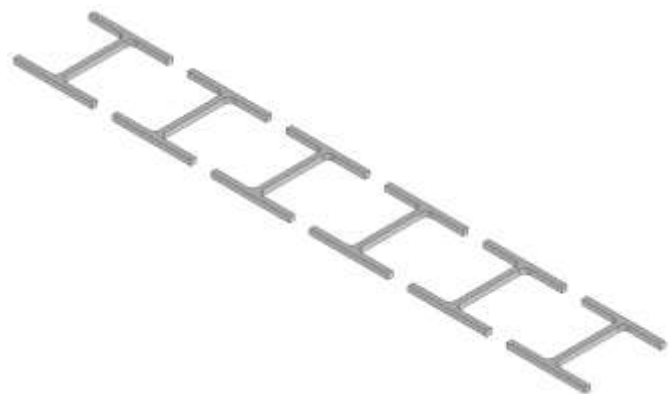


Super ladder AIREX刷胶方案

巩克云、蔡孟轲、金梁程龙

2026.7.10

分离式AIREX刷胶方案



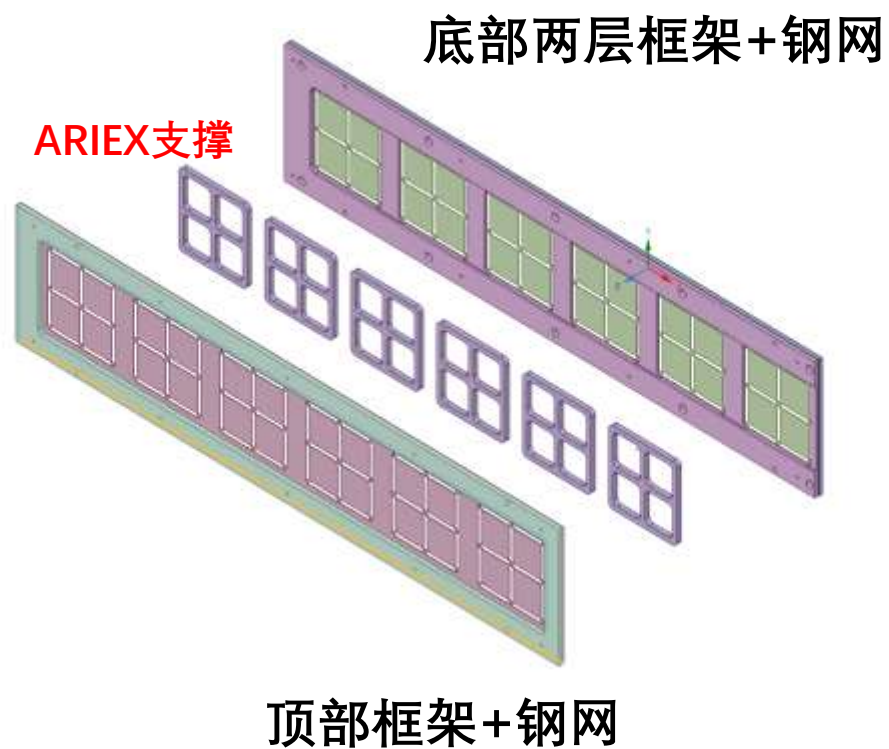
推荐方案1

➤ Idea1: 采用两面钢网刷胶方案

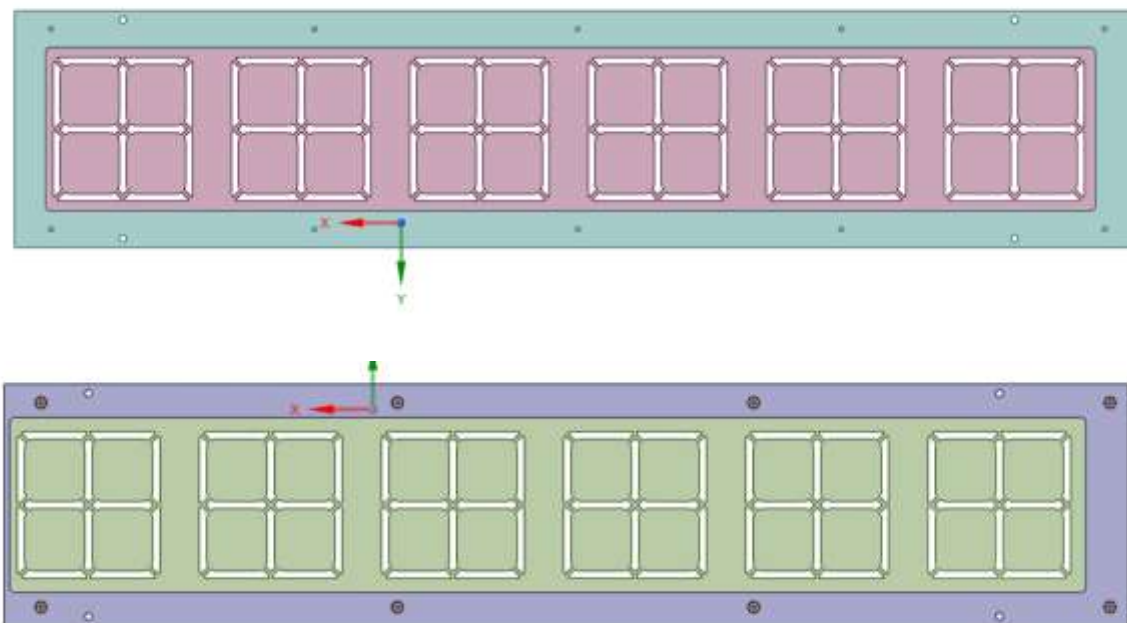


➤ Idea2: 采用一面钢网刷胶+一面用点胶机

分离式AIREX刷胶方案

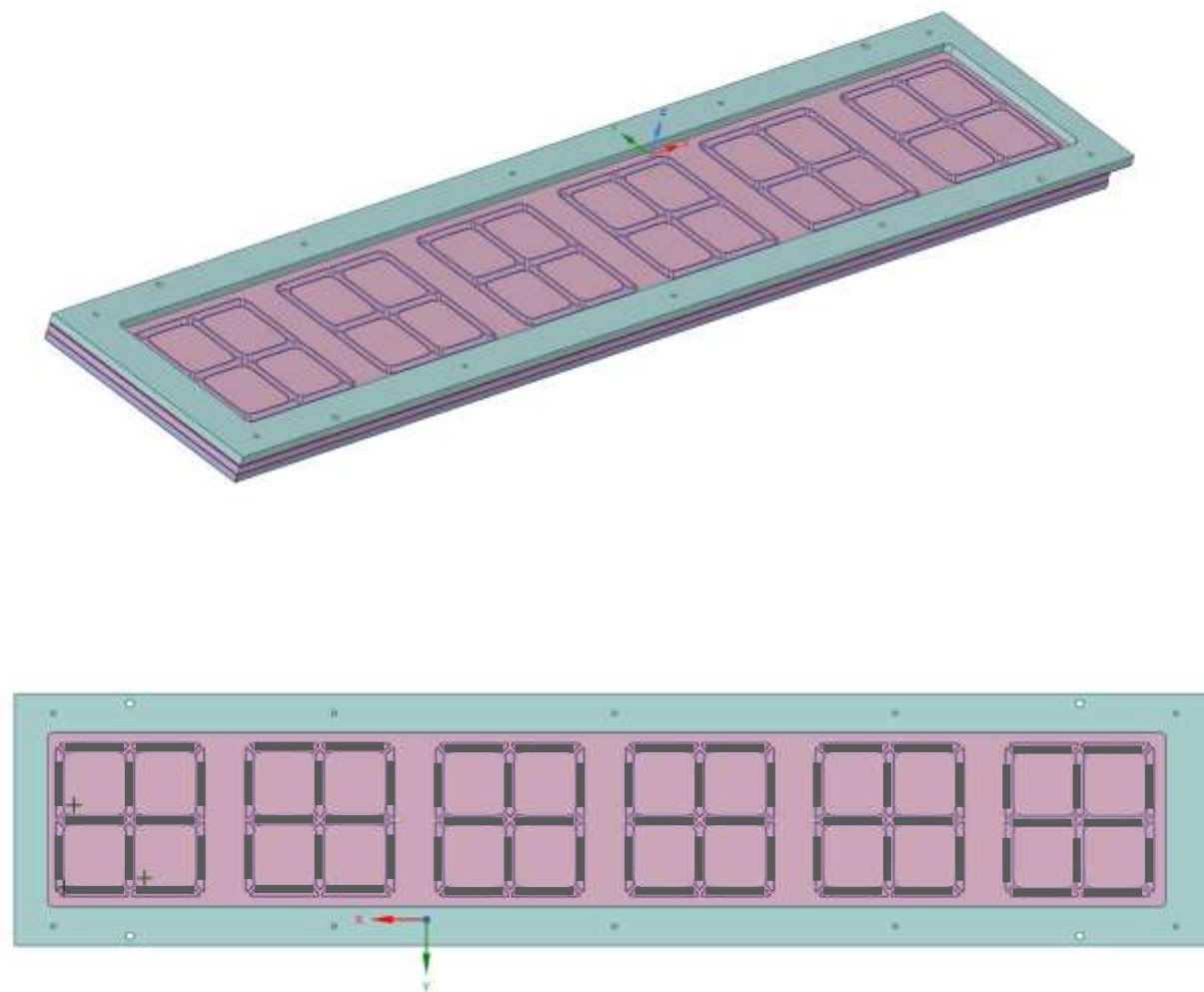
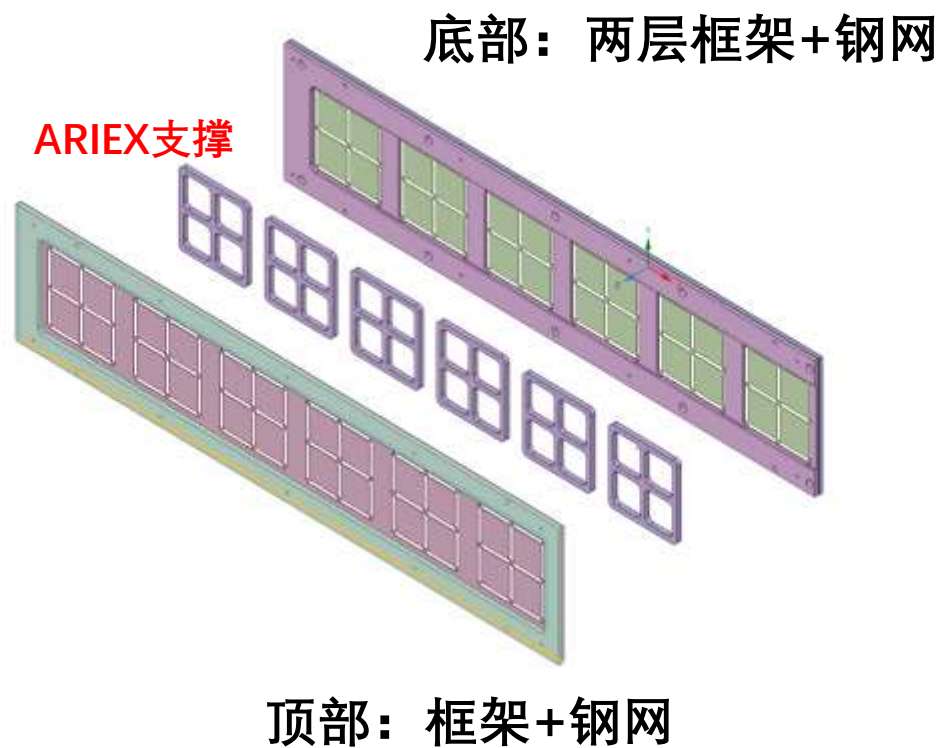


- 采用两面钢网刷胶方案（目前采用田字形）
- 钢网预留区域可根据最终背靠背方案来定
- 顶部框架与底部框架固定螺钉方向相反
- AIREX嵌于中间框架



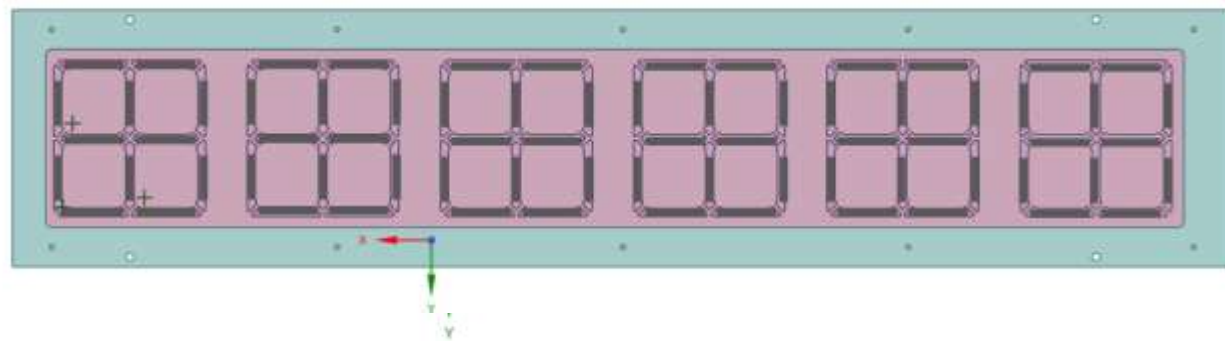
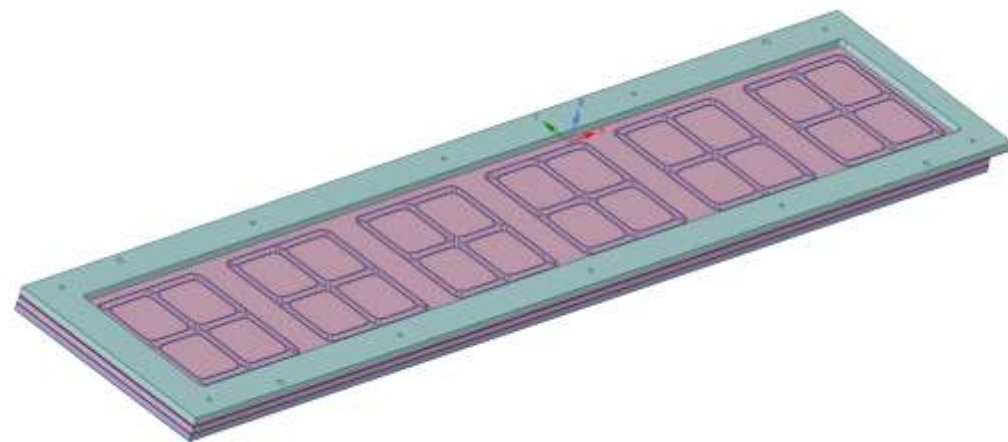
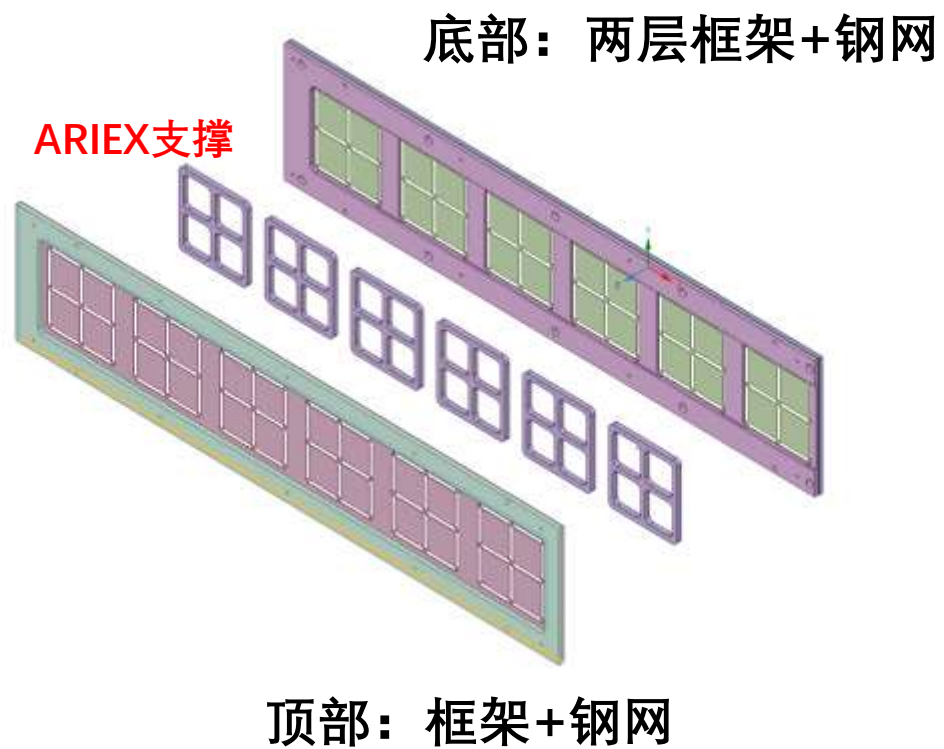
- 优点
 - 保证AIREX与硅片的精准定位
 - 减少刷胶时间，防止胶水表干
 - 不需要靶标，便可一次性刷胶成功
 - 均匀控制胶量

步骤一：固定ARIEX+刷顶面胶



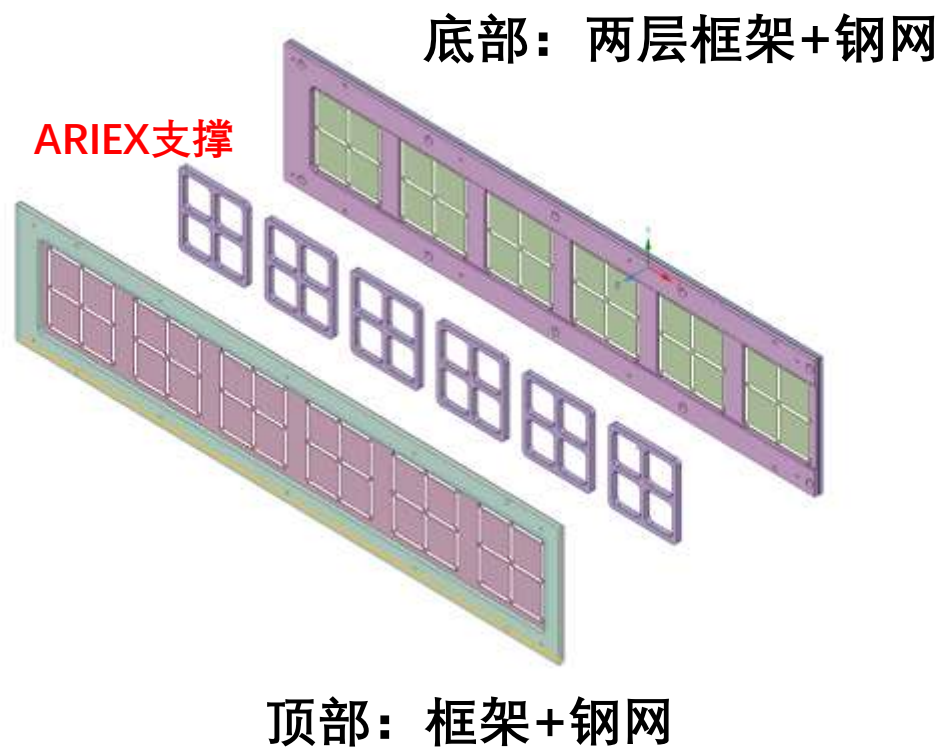
- 固定顶面框架+钢网（8-10枚3反向螺母）
- AIREX被固定在中间层框架中（中间层横梁预留出键合丝安全高度）
- 底部与顶部夹紧AIREX

步骤二：移除顶部工装+翻转

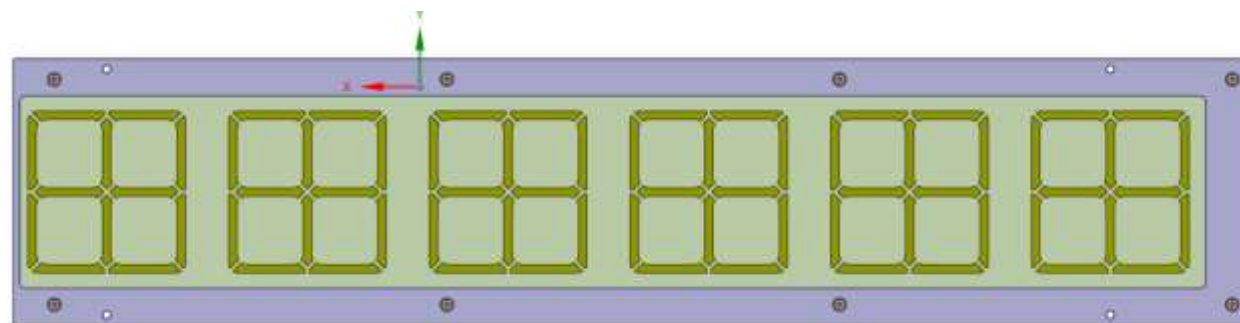
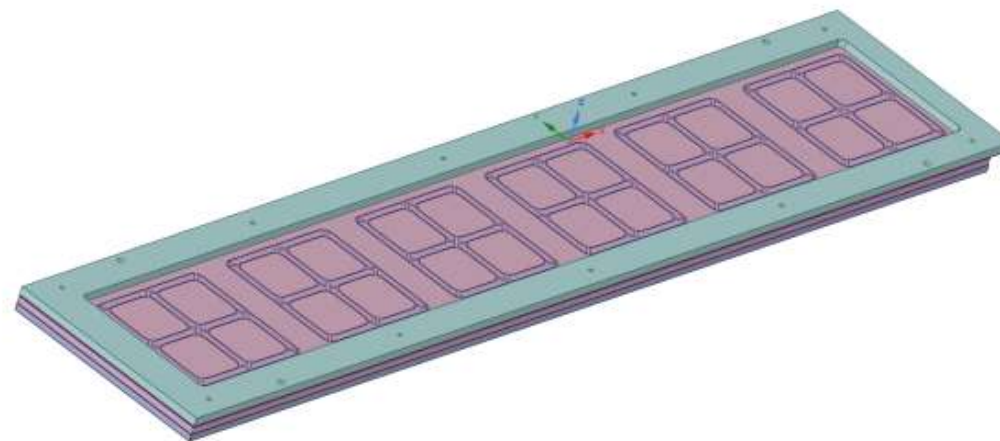


➤ 移除顶部工装

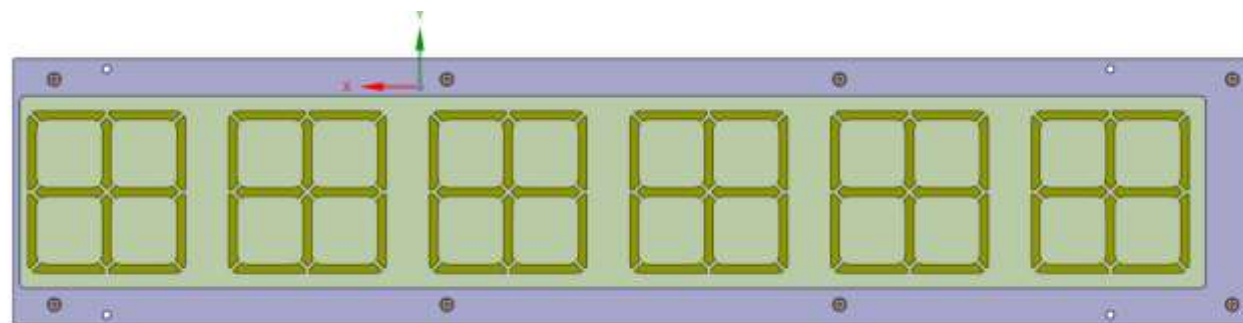
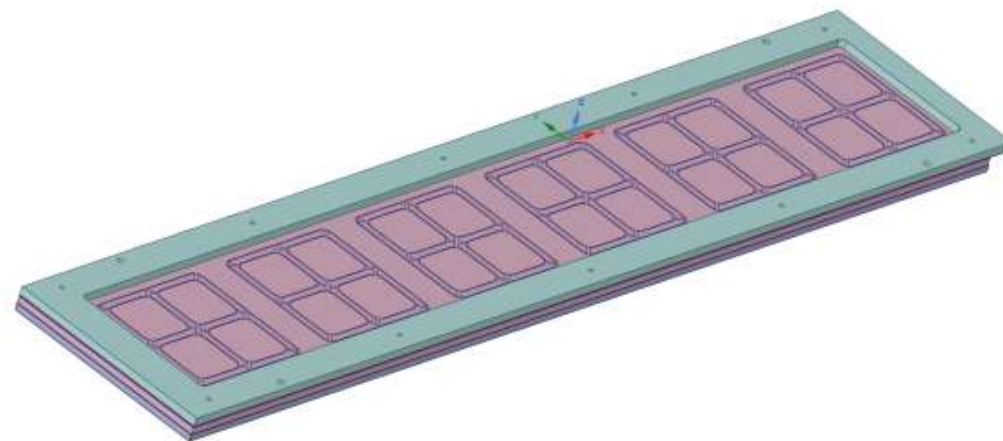
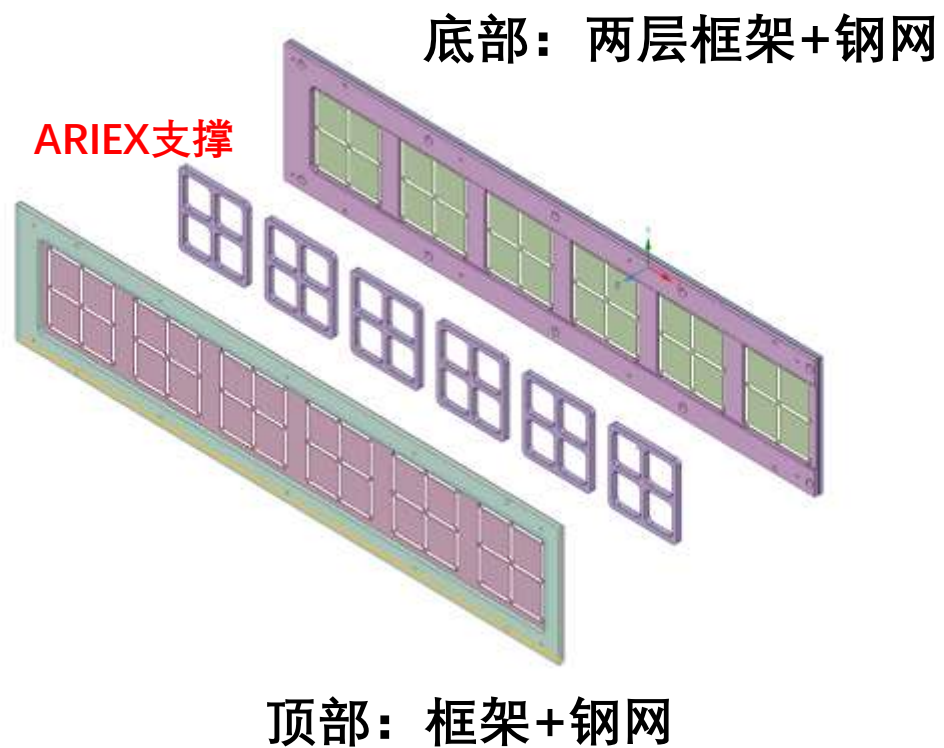
步骤二：移除顶部工装+翻转



- 移除顶部工装
- 检查AIREX是否夹紧，翻转工装

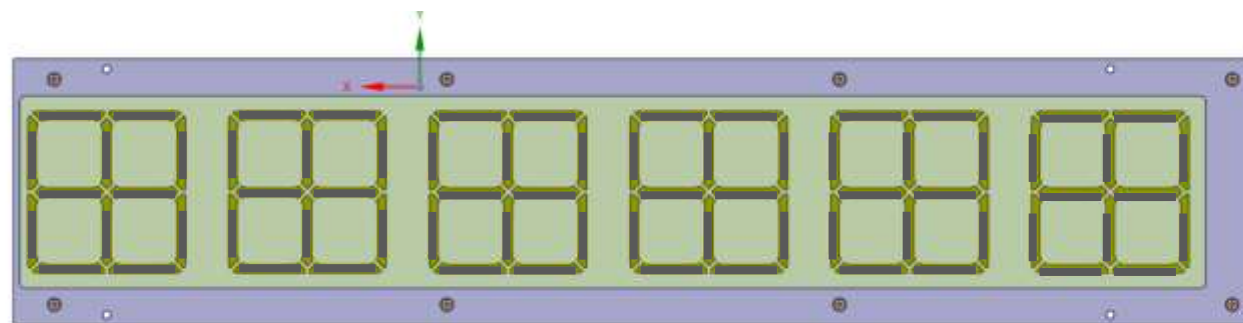
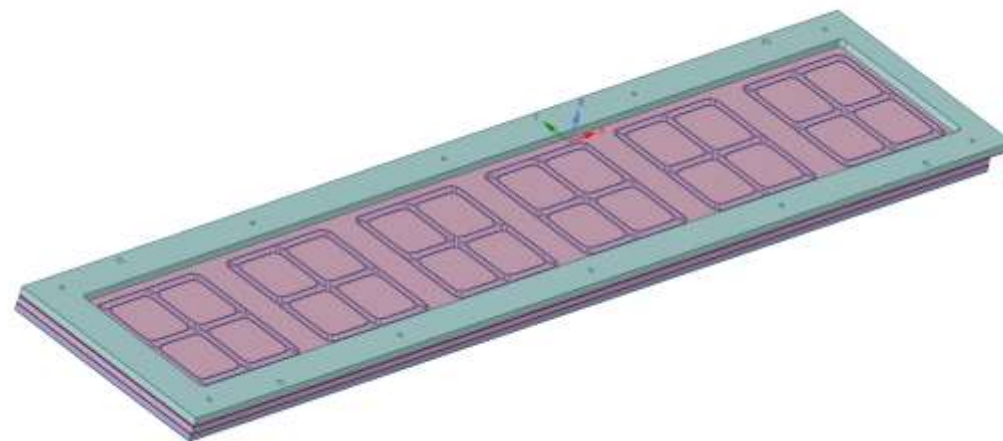
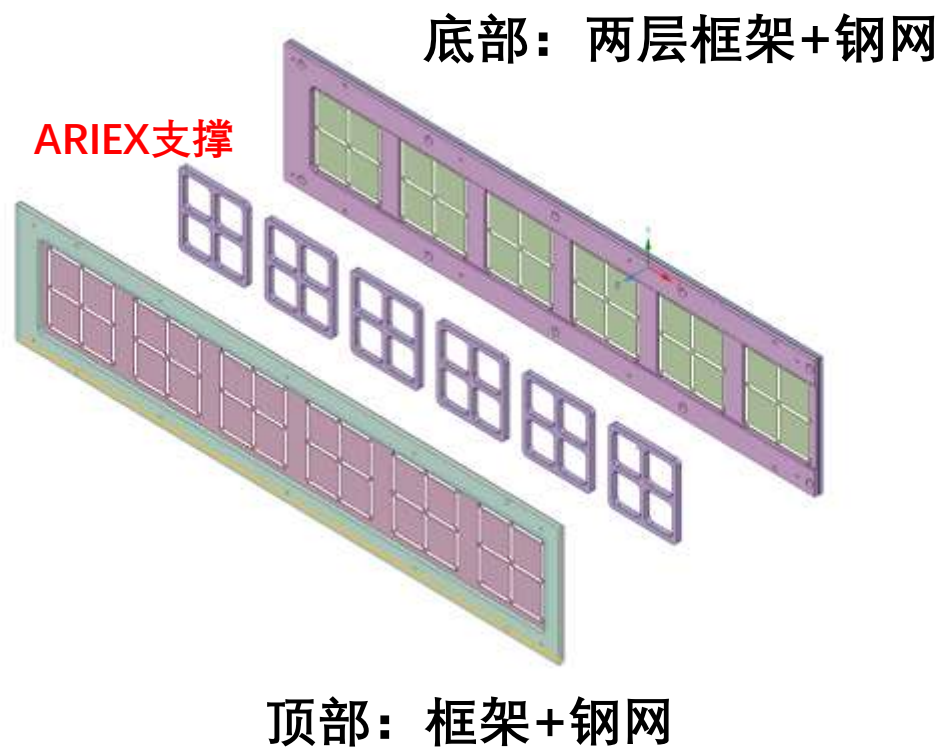


步骤三：放置到P ladder上



- 放到P ladder对应硅片区域
- 小心框架横梁与键合丝之间间隙
- 等待第一遍胶干（期间不移除底面与中间框架）

步骤四：刷第二面胶



- 刷第二面胶
- 移除底面框架+钢网
- 粘贴上Z型 ladder，等待胶干