



Final Finishing – Ultra Efficient Palladium Poisoning Cleaner for ENIG Technology

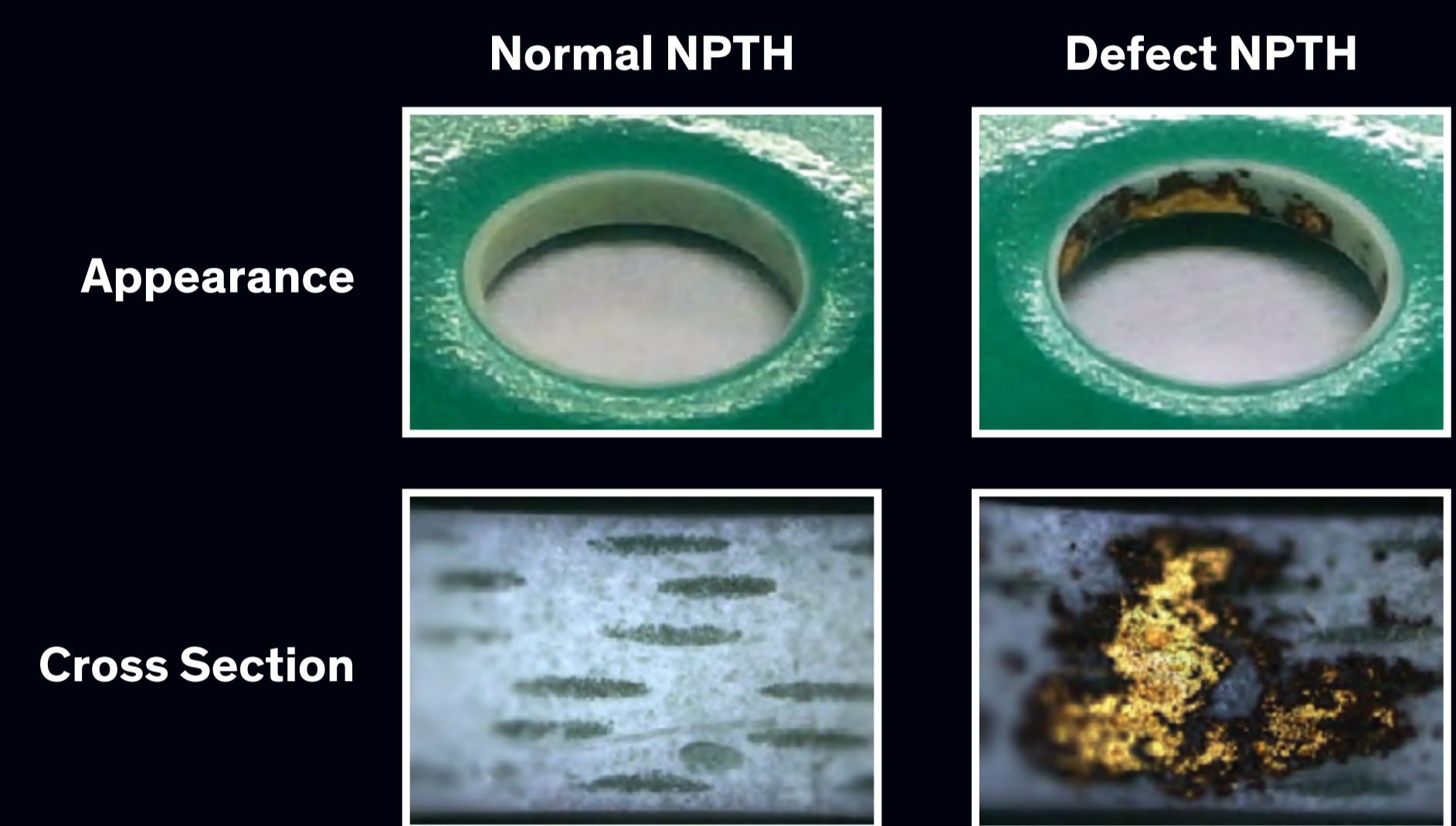
表面处理 - 化学镍金专用超高效率钝钯清洁剂

RONACLEAN™ NPTH 215 Cleaner 无镀铜通孔钝钯清洁剂

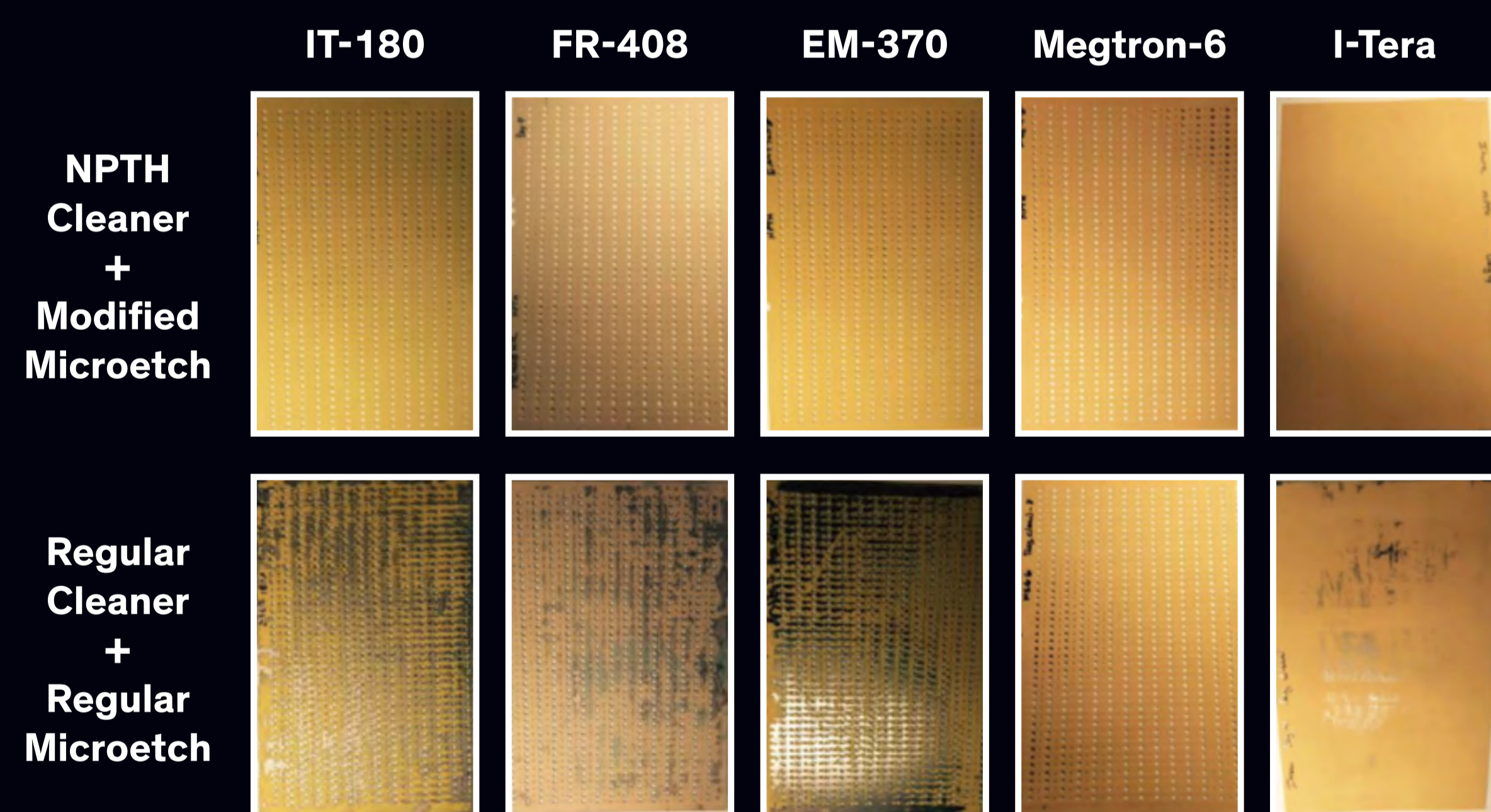
Advantages 优点:

- Solving the problem of metal plating at NPTH by deactivation of Pd residues
彻底解决NPTH残留钯造成沾金不良的问题
- Thiourea-free pretreatment process
不含硫脲的钝钯剂对人体健康危害较小(硫脲为二级致癌物)
- Integrate Pd poisoning process into ENIG cleaner step for reducing extra manpower, electricity and water consumption, waste water treatment volume and cost (Thiourea-free waste water treatment)
整合钝钯与清洁剂在现有的ENIG前处理, 减少人力、电费、用水、废水处理成本和免除含硫脲废水之特殊处理
- No additional operating time nor extra equipment installation required
制程简单, 无需增加处理时间和额外设备

一般NPTH沾金的缺陷状况



有钯吸附的不同板材上的钝钯效果



钝钯清洁剂反应机制

