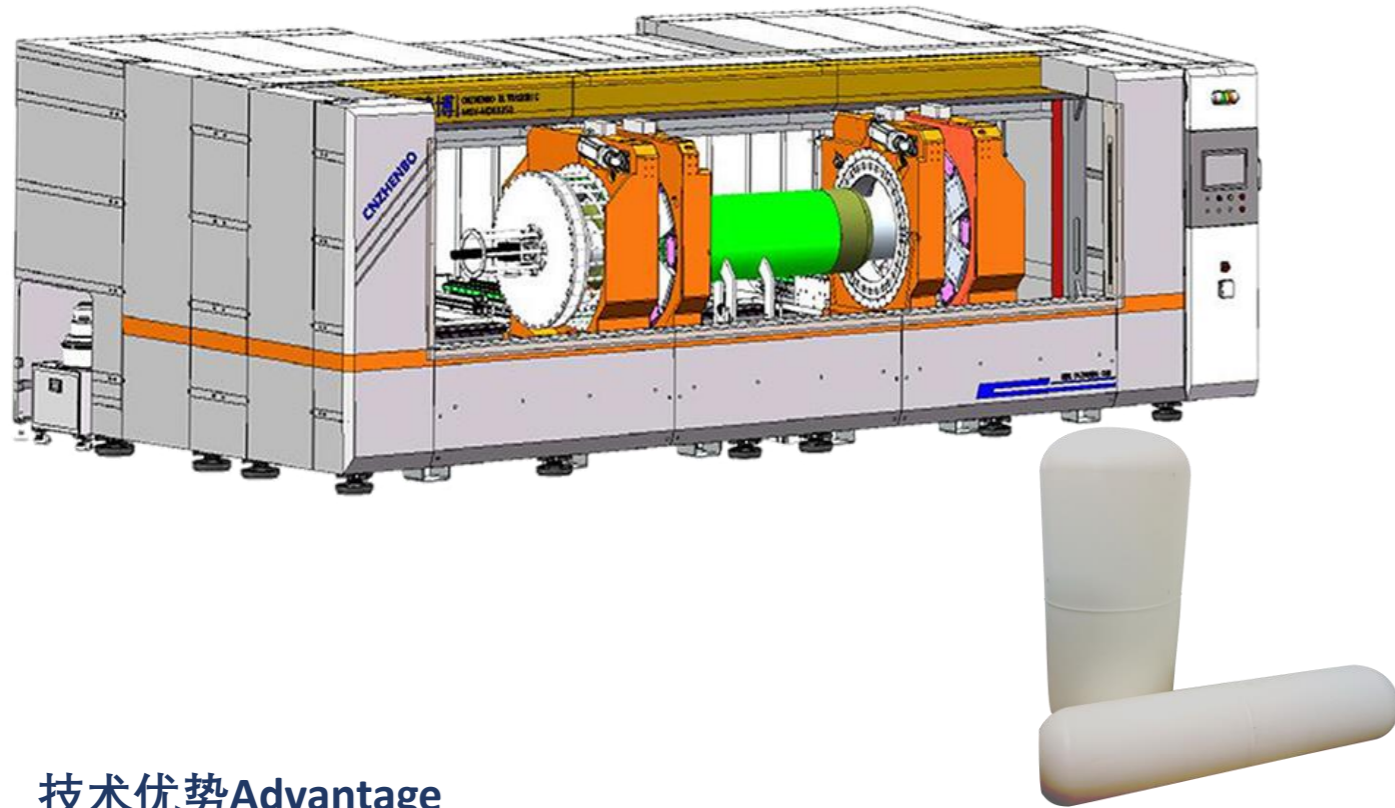


IV 型储氢罐焊接设备

IV-Type H₂ Storage Tank Liner Welding Equipment



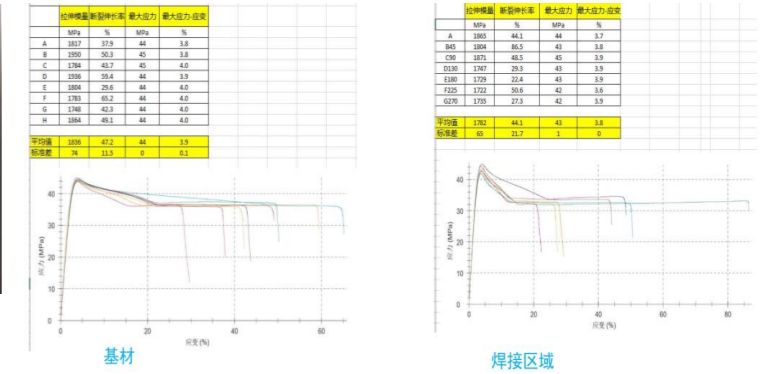
技术优势 Advantage

- 满足焊接后的同心度 Ensure the Concentricity after welding;
- 焊接后采用激光检测保障产品可控和一致性 Laser inspection ensure welded products consistency and stability of quality;
- 保证产品焊道平整 Ensure the neat joining of welding area;
- 产品冷却温度与时间可设置，数据可追溯 Cooling temperature and time is settable, production data is traceable;
- 避免自然冷却过程中因重力问题导致产品变形 Avoid deformation and quality problem caused by gravity during cooling period;
- 避免因塑料收缩、环境温度变化导致产品变形 Avoid deformation and quality problem caused molding shrinkage or temperature change;
- 减少因产品移动过程中产生碰撞，导致的产品合格率降低 Reduce the rejection rate caused by crash during shifting.

拉力测试 Physical Test:

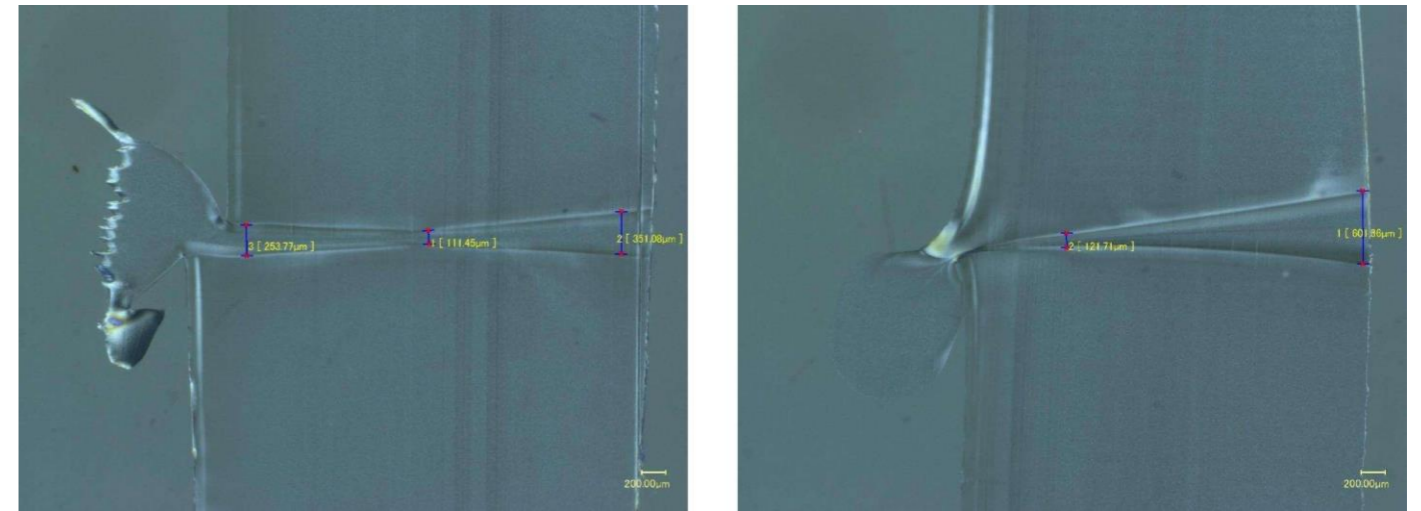


物理测试 Physical Test:

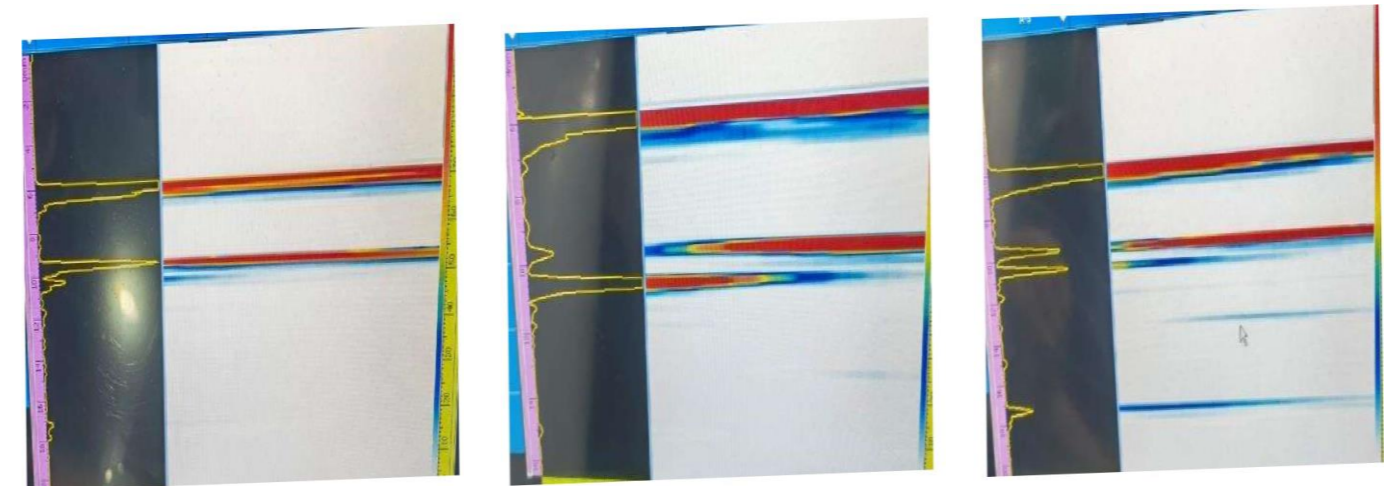


焊接区域的强度与基材接近，断裂伸长率的保持率约为：44.1/47.2=93.4%

偏光检测 Polarization Detection:



超声相控阵检测 Ultrasonic Phase Array Detection:



正常
Normal

模拟缺陷区域 (直径0.5孔)
Defect Simulation (Hole Φ0.5mm)

疑是区域
Defect Suspected