Experimental on hydrogen carrying metal glow discharge

Hang Zhang\(^1\) Yang Pei\(^2\)
\(^1\)Qiuran Lab, xian, CHINA
\(^2\)Qiuran Lab, xian, CHINA
E-mail: 715469127@qq.com.

Following Prof. Mizuno Tadahiko’s work \(^1\) a new Ni-D gas glow discharge system has been developed with emphasis on amount of heat exchanger. The main results are:

1. **Reliable**: The amount of heat exchanger are reliable during whole process, because they are checked before and after run. The abnormal thermal effect was found in the glow discharge state and heating state.

2. **Reproducible**: The results are reproducible, because the abnormal thermal effect was measured four times in the 12 day experiment.

3. **Safe**: There is no radiation above the back-ground level detected.

This is the four anomalous of effect power data chart, the red line is the measurement of power, blue line is the input power, the green line is the anomalous of effect power, it can be seen that the output power measurement is greater than the input power, the amount of heat accumulated over 65KJ.