

## Equipment Suppliers

### Pulsing Circuits

- A fully versatile circuit with a step up transformer Kit.....will be available soon

Alternatively there maybe two other options for pulsing operations. see below

- CL systems [here](#) either the DSG04 or DSG01 (This has a pc oscilloscope aswell !)
- SDS systems [here](#)

But they may probably not be able to be directly connected to a transformer without additional circuitry. Also varying the voltage level to the transformer (0 to 12 volt) might need additional circuitry. I don't know?

The circuit that is being designed by a member will be available soon and offer 0 to 12 volt variation to the primary side of the transformer and should be user friendly. The waveforms will be very versatile and suit the Water Fuel Cell.

### Cell Kit

- Also a Tubular Stainless Steel Cell in Kit form.....will be available soon

### Gas Flow Meters

- Acrylic & Polysulfone Flow meters [here](#) (Australia)
- Acrylic & Polysulfone Flow meters [here](#) (USA)

They are the best companies for prices I can find.....if you find better [contact me](#)

If your wanting to do it still very accurately but just from everyday materials that you may find around the house try this.

This information is supplied by Tero Ranta

"It's really very simple.

First you take for example a bucket and fill it with water. Then you take a coke bottle (say 0.5 liter). Fill that coke bottle fully with water and screw the cap on.

Put the water-filled coke bottle in the water bucket upside down so that the cap and neck are under water, but rest of the bottle is on top of the water.

Then screw the cap open while the bottle is positioned like this. Make sure that the bottle is fully filled with water with no air bubbles inside it. Then put the electrolyzer output gas hose under water level and position the tube so that the gas bubbles into the coke bottle and at the same time pushes out the water that's in there.

Measure the time it takes for the gas to fill the bottle. If you know the volume of the bottle you can then calculate the gas production rate."

Tero

## Calculate The Efficiency Of Your Cell

- [Electrolysis calculator](#)
- [Electrolysis Site](#) and example calculation [here](#)

and here is a simple way to calculate Litres per hour

This information is supplied by Tero Ranta

if it takes 30 seconds to fill 400ml bottle,  
the gas production rate is  $3600/30*0.4 = 48\text{LPH}$

## Voltage Intensifier Circuit Parts and Information

- (parts coming soon)

Learn more about winding inductors [here](#)

also I am wanting to correspond with anyone who has good knowledge on inductors and the effects when they are pulsed relating to restriction of electron flow and increasing voltage. We need to

somehow automatically control the VIC circuit to lock into the Resonant electron restriction process of the Water Fuel Cell.

please [contact me](#) if you have any ideas?

## Low Voltage Equipment/Supplies

### Electrolyte

- [Potassium Hydroxide \(KOH\)](#) (Do a search under Potassium Hydroxide)

### Flashback Arrester

- see [here](#)

### Online Metal Supplier

- see [here](#) (Online Metals.com)

I need more resources please [contact me](#) so we can build this section.