

## About Us

We are a Team of talented and passionate Researchers, Engineers and Experts dedicated to designing and implementing the best technological solutions to serve our clients for a greener and more sustainable tomorrow.



## OUR MISSION

We are committed to revolutionizing industrial processes by providing innovative, sustainable, and efficient hydrogen solutions. We aim to lead the transition towards a hydrogen-based economy, contributing to a cleaner, greener future for industries worldwide.

## OUR VISION

Our vision is to be a global leader in hydrogen technology, known for our cutting-edge solutions and commitment to sustainability. We envision a world where hydrogen is a key enabler of decarbonization, driving economic growth and environmental stewardship.



## OUR STRATEGY

We adopt a strategy focused on innovation, sustainability, and collaboration by, continually, investing in research and development, and maintaining sustainable practices while forging strong partnerships with key industry players.



## Get In TOUCH



Technopark of Sfax, El Ons City,  
Road of Tunis km 10, 3021 - Sfax.



(+216) 21-273-360  
(+216) 97-359-733



[www.hyo-tec.com](http://www.hyo-tec.com)  
[contact@hyo-tec.com](mailto:contact@hyo-tec.com)  
[bilel.gassara@hyo-tec.com](mailto:bilel.gassara@hyo-tec.com)  
[kais.jamoussi@hyo-tec.com](mailto:kais.jamoussi@hyo-tec.com)

## MACHINE PRODUCTS

HyO-Tec is a pioneer in hydrogen technology, offering advanced solutions for green hydrogen production, energy conversion, and storage. Our products cater to industries seeking sustainable alternatives, including metal processing and energy storage. With a focus on innovation and sustainability, we are driving the global transition to clean energy solutions.

### HYO-GEN 4000

Generate and stabilize a mixture of hydrogen and oxygen gases. It is equipped with an automatic system for controlling pressure and temperature

Electrical: (3-380V – AC, Neutral and ground), 4kW

Hydrogen and Oxygen Flow: 10 l/mn

Dimensions: 500 x 800 x 1000mm

Weight: 130 kg

Pressure: Working pressure = 2,5bar, Pmax = 4bar.

Usage: Welding, brazing, carbon cleaning



### HYO-GRN 4000



Generate and stabilize a mixture of hydrogen and oxygen gases. It is equipped with an automatic system for controlling pressure and temperature

Electrical: Powered directly by photovoltaic panel (48V), 4kW

Hydrogen and Oxygen Flow: 10 l/mn

Dimensions: 500 x 800 x 1000mm

Weight: 130 kg

Pressure: Working pressure = 2,5bar, Pmax = 4bar.

Usage: Welding, brazing, carbon cleaning

### HYO-GEN4000S



Generate and stabilize separated hydrogen and oxygen gases. It is equipped with an automatic system for controlling pressure and temperature

Electrical: (3-380V – AC, Neutral and ground), 4kW

Hydrogen Flow: 7 l/mn

Oxygen flow: 3.5 l/mn

Dimensions: 500 x 800 x 1000mm

Weight: 130 kg

Pressure: Working pressure = 2,5bar, Pmax = 4bar.

Usage: Metal cutting, gold processing, welding, brazing, carbon cleaning

## ELECTROLYSER PRODUCTS

### HYO-CELL 100

Non separative electrolyser

100W

12VDC, 24VDC, 48VDC



### HYO-CELL 300

Non separative electrolyser

300W

12VDC, 24VDC, 48VDC



### HYO-SEP 3000

Separative electrolyser

3kW, 12VDC, 24VDC, 48VDC



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