

MINI BENCH

HYDROGEN CYLINDER REFILLING SOLUTION

Unlocking user autonomy and self-sufficiency, the Mini Bench empowers users to take control of their hydrogen cylinders. With its ease-of-use charging capabilities, this solution allows users to recharge their hydrogen cylinders individually, providing unmatched convenience and efficiency.

Using the Mini Bench is essential to reducing total operating costs. By adopting this recharge system, customers eliminate dependence on suppliers for cylinder replacements, resulting in significant long-term savings. With its ability to generate hydrogen from water and recharge hydrogen storage units, the Mini Bench offers a cost-effective solution for managing hydrogen needs. By reducing costs associated with cylinder replacement, storage, and transportation, this device helps optimize your budget and improve operational efficiency in the closest proximity to the teams. With the Mini Bench, customers can achieve greater financial autonomy while maintaining a continuous supply of hydrogen cylinders.



KEY FEATURES & BENEFITS

- Enhance local autonomy
- Improve stock management
- Automatic & safe solutions

COMPATIBILITY

Compatible with all H2 cylinders:

- Black Hydrogen Cylinder (M266-E40-000)
- Green Hydrogen Cylinder (M266-E40-001)
- Mini Hydrogen Cylinder (M3462-E40-000)



MINI BENCH

HYDROGEN CYLINDER REFILLING SOLUTION

SPECIFICATIONS¹

Charging Capability:	Automatic solution using electrolysis process 1 cylinder can be charge at the time From 1 to 3 hours ² / Up to 6 hours
Hydrogen Purity:	99.9996%
User interface:	Refilling information and bench status through a graphic display
Environmental Use:	15°C to 40°C / 59°F to 104°F and 80% RH
Dimensions:	Hydrogen Generator: 230 x 355 x 410 mm (9' x 14' x 16') Refilling box: 190x160x55 mm (7.5' x 6.3' x 2.2')
Weight:	Hydrogen Generator: ~19.5 kg (42 lbs) Refilling box: ~1.7 kg (2.2 lbs)
Power Consumption:	Hydrogen Generator: 75W Refilling box: 18W
Electrical Supply:	Hydrogen Generator: 220 – 240V (50 Hz) / 110 – 120V (60 Hz) Refilling box: 90 – 264V / Fuse 500 mA
Maintenance:	Recommended every 2 years
Warranty:	1 year

¹ Specifications subject to change

² ~1h for mini hydrogen cylinder / ~3h for others

ACCESSORIES

For those in need of greater hydrogen cylinder recharge capacity, Proengin offers the M481-E00-000 Refilling Bench.

Please contact us for more information.



Proengin

FOR MORE INFORMATION:

WORLDWIDE
contact@proengin.com

USA(only)
contactusa@proengin.com



To maximise the value of Proengin's solutions, including white papers, webinars, training and more, visit Proengin Academy.

