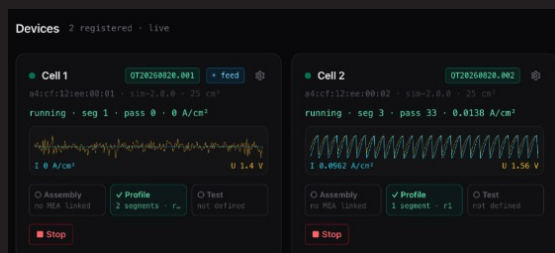


LIVE DASHBOARD



Watch it run in real time, 24/7, from anywhere. Every bench, every curve, one login.



-30%

Launch discount on every component for dynamic test campaigns booked by 30 September 2026.

TRUSTED BY OUR
INTERNATIONAL OEM
CUSTOMERS AND
OUR PARTNERS

SPRIN-D



BUSINESS
INCUBATION
CENTRE

**H₂UB >>>
SPRINT**



Bundesministerium
für Wirtschaft
und Energie

Leibniz
Leibniz
Gemeinschaft

Send us your component spec. You get a
test plan and a fixed quote within days.

+49 1762 1524 768

customer@elementarhy.com

elementarhy.com

ELEMENTARHY · MADE IN GERMANY

DATA AS A SERVICE

e|Hy
elementarhy

Scaling Hydrogen to live in a Zero-Emission &
Space Exploring Society.

YOUR COMPONENT. OUR BENCHES. YOUR DATA.

Your components are ready, but your customer wants performance, durability and dynamic data. We collect performance and durability data on PEMWE components: MEAs, PTLs, GDEs and membranes. Generated on our own bench fleet, run on your protocol, live weather data or our predefined protocol, streamed live to your screen.

THE DURABILITY ADVANTAGE

Durability decides bankability, and it takes thousands of hours on a bench to measure. Our fleet has already done the running. Reference curves, degradation rates and failure signatures from years of continuous operation mean you start from our baseline instead of zero.

40

Test benches in one fleet operated and built by electrochemists by heart

24/7

Unattended, monitored 365 days

Your benefits

NO INFRASTRUCTURE NEEDED

Benches, media supply, safety and operation are ours. You ship samples.

DATA FROM DAY ONE

Runs through nights, weekends, holidays. Durability hours accumulate while you sleep.

YOUR LOGIN, YOUR VIEW

Live dashboard, real-time data, from anywhere.

EXPERTS, NOT OPERATORS

We catch drift, contamination and uneven compression before they cost you a campaign.

YOUR TECH, IN CONTEXT

Benchmarked against our in-house durability database. A number becomes a decision.

YOUR IP STAYS YOURS

NDA before the first sample ships.

How it works

01 – Book a stream. Send us your electrode or component.

02 – Run & monitor. Live data from day one.

03– Swap & repeat. Fast sample changes keep the data flowing.

Built for stack makers, electrolyzer OEMs, component suppliers, research institutes, startups, and for insurers and lenders who underwrite hydrogen production.

Test options

Long Term Durability e.g. 3000 h

Polarization Curve

Electrochemical impedance spectroscopy

Contaminant dosing controlled impurities

Temperature Variation

Differential pressure operation

Dynamic Load Profiles

[Your Protocol? We run it! Need a benchmark? Identical Conditions](#)

Build your package

	LIST	UNTIL 30 SEP
Full dynamic data set	€ 70,000	€ 49,000
Test bench (per cell), from	€ 2,900 / 500 hours	
Cell build-up & tear-down	€ 500	
Live Dashboard	€ 1,000 / mo	
Customized analytics	on request	

–30% for orders placed by 30 September 2026,

FULL DYNAMIC DATA SET

42	Dynamic Test profiles
300	hours for each dynamic operation
Real	operating data
Live	Dashboard

Send us your component spec. Fixed quote within days.

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