

Membrane Electrode Assembly

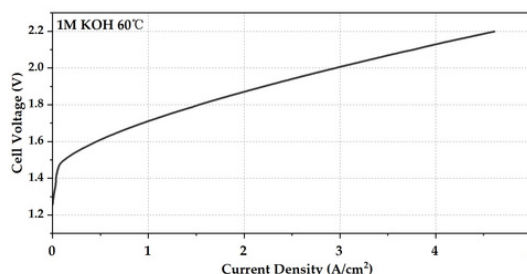
——Catalyst-Coated Substrate (CCS)



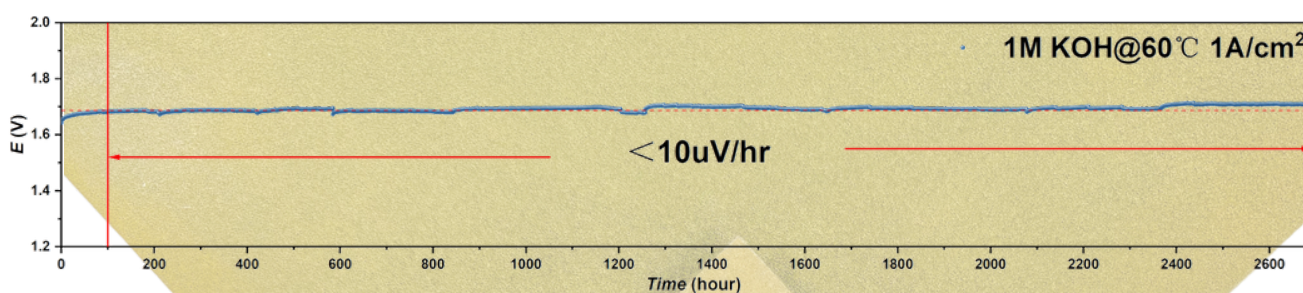
HIGHLIGHTS

- Ni-based catalyst layer with uniform loading for consistent performance
- Integrated nickel foam substrate for excellent electrical conductivity and structural robustness
- Scalable production with strict quality control ensures reliable batch-to-batch consistency

Feynman Dynamics offers a series of high-performance gas diffusion electrodes (GDEs) engineered for water electrolysis and other electrochemical applications. These GDEs feature Ni-based catalysts grown directly on nickel foam substrates, ensuring strong adhesion, high conductivity, and enhanced gas transport.



Long-term operation test



Type	Specification	Membrane Size	Applications
MN100	Molybdenum nickel (MoNi) Alloy GDE made from nickel mesh	5 cm x 5 cm 10 cm x 10 cm 30 cm x 30 cm 80 cm x 110 cm	AEMWE
NF100	Iron cobalt nickel hydroxide (Fe/Co/Ni-LDH) co- deposited GDE made from nickel mesh		

