



Precision Energy and Technology has been working with fuel cell technology since 2005 and specializes in producing educational fuel cell kits.

## FEATURES

*Strong Delrin Housing*

*Durable 316L Bipolar*

*Plates*

*10 cm<sup>2</sup> Area Electrodes*

*High quality MEA –*

*Nafion 117 with double*

*layered Platinum-alloy*

*Electrodes*

*Barb fittings for easy gas*

*connections*

*Banana plug electrical*

*connections*



**10 cm<sup>2</sup> Fuel Cell**

**\$99**

**Precision Energy and Technology's  
10 cm<sup>2</sup> Fuel Cell**

The 10 cm<sup>2</sup> PET Fuel Cell sets the foundation for the educational fuel cell kit. The housing is made of ½ inch thick Delrin with brass inserts for ease of assembly. The assemble approach utilizes 8 stainless steel bolts that screw into the housing and alignment posts for the MEA, gaskets (4) and bipolar plates (2). The MEA is made with durable Nafion 117 and platinum alloy based electrodes. The bipolar plates were developed by PET's metal injection molding process and are made of a 316L stainless steel with connector tabs for excellent electrical and thermal characteristics.

This unit is designed to train students on fuel cells, their assembly and operations. A goal of this product is to avoid wasted class time spent on difficult assemble. The design is also focused on the durability needed in a classroom environment, especially with respect to the often fragile MEAs and bipolar plates.

**Sales and Inquiries**

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