

DESIGN COMPARISON OF ALTEK'S PEM FUEL CELL VERSUS BENCHMARK

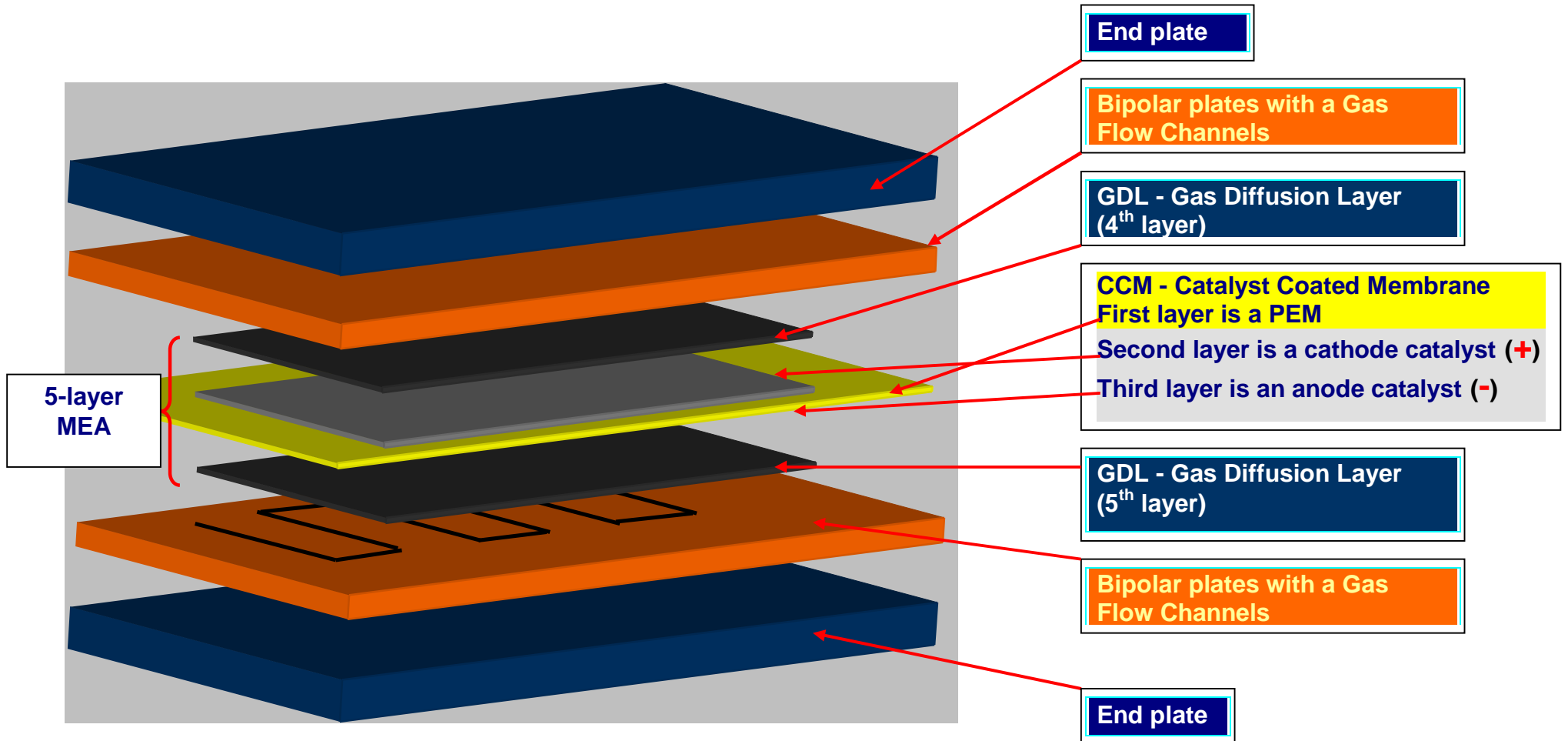


Fig.1 Exploded view of benchmark's PEM Fuel Cell (with 5-layer MEA)

Altek has modified design and assembly of GDE and MEA, and has created a manufacturing process, which allows a mass-production of simpler, more efficient and affordable final product. The core of this technology is an extruded, all-in-one design, that eliminates the need for various plates and pressurized contact and dramatically reduces the amount of man-hours currently utilized by existing technologies.

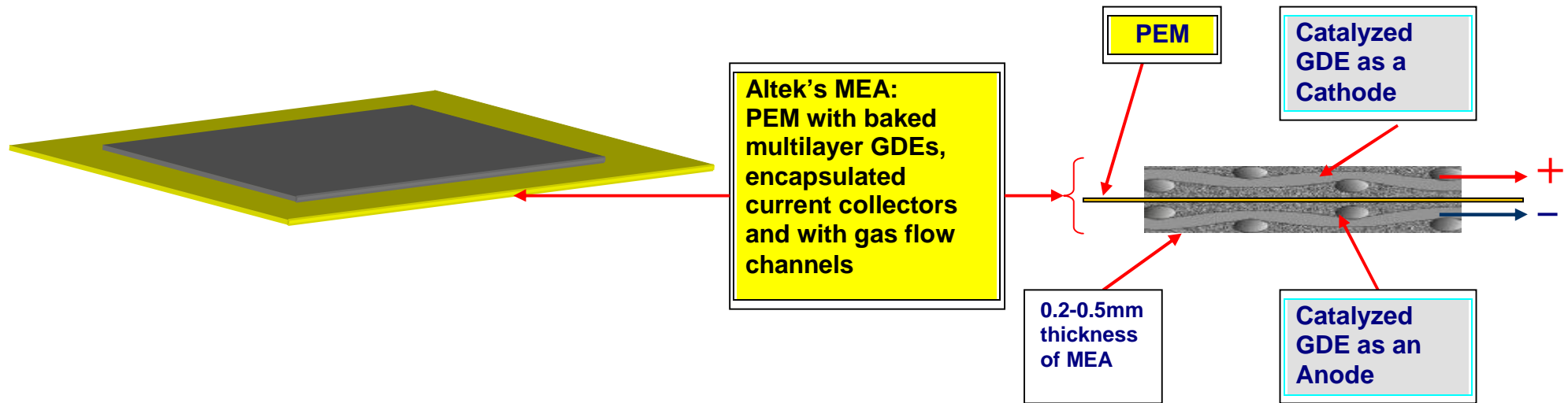


Fig.2 Exploded view of Altek proprietary PEM Fuel Cell