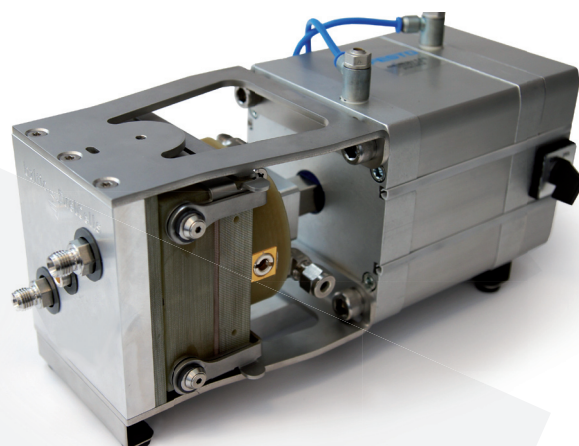


qCf Custom Design

individual testing solutions for customer needs

Cell designs are as individual as customers. balticFuelCells is offering innovative solutions for the [quickCONNECTfixture](#) qCf regarding application, dimension, temperature, fuel, pressure, flowfield material/ design and integration of sensors.



applications



PEM fuel cells/
water electrolysis,
metal-air-batteries

dimensions



2 to 150 cm²,
various shapes
(on demand)

temperature



-40 to 250°C

fuels



H₂/ reformat
methanol
(ethanol etc.)

pressure



ambient to 8 bar

flowfield

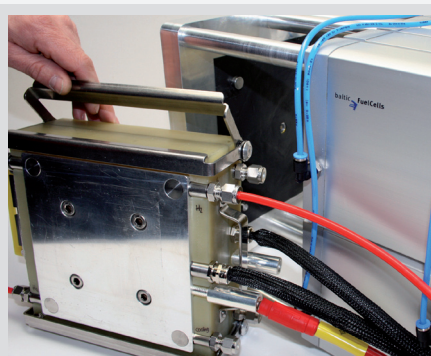


graphite,
stainless steel,
titanium

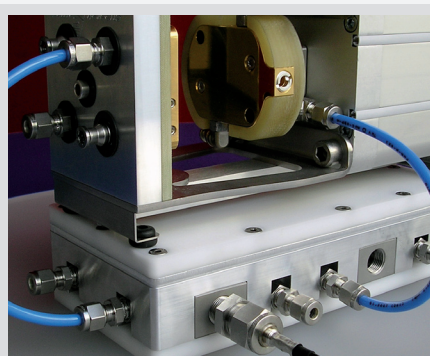
sensors



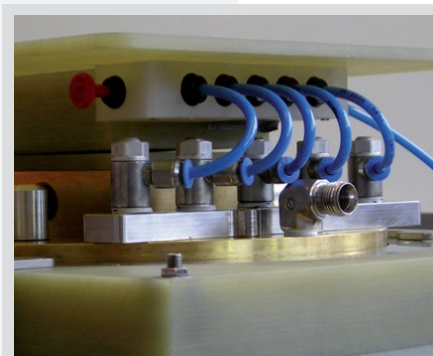
humidity,
current distribution,
compression



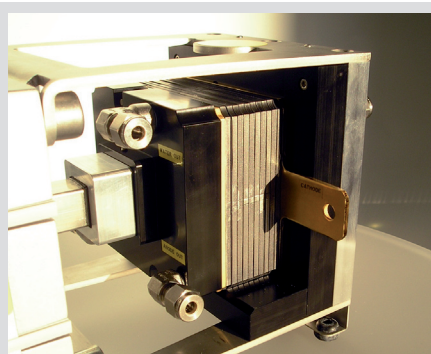
225cm² large scale active area for qCf



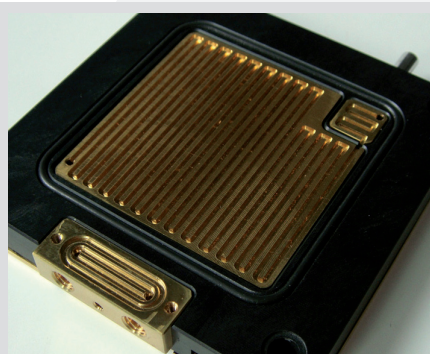
4 humidity sensors for media analysis



Cell fixture for bleeding of liquids into flow pattern with adjustable valves



Short stack unit mounted in a qCf



Integrated reference electrodes and gold-plated flowfields



Titanium flowfields for electrolysis