

nanoFlowcell world premiere at the 2017 Geneva Motor Show

QUANT 48VOLT – 300 km/h Electric Sports Car with Low-Voltage Flow Cell Drive

London and Kilchberg, February 2017 – nanoFlowcell Holdings is presenting the state-of-the-art in fuel cell research at this year's Geneva International Motor Show. The QUANT 48VOLT features for the first time the new nanoFlowcell® 48VOLT low-voltage drive with the world's first variably controllable mobile flow cell for a constant source of electrical energy and all-new low-voltage electric motors providing propulsion of race-car proportions.

The extravagant bodywork of the QUANT 48VOLT underscores the unique standing of the flow cell super sports car, while the naked figures hint at just what can be expected from this electric powerhouse – all-wheel drive with 760 hp (4 x 140 kW), 2.4 seconds from zero to 100 km/h and a top speed of 300 km/h (limited). Stated range: > 1,000 kilometres. Price: prototype, not-for-sale (yet).

An improved cell membrane in the nanoFlowcell®, six cells arranged in series and new, innovative low-voltage motors deliver sports car performance for the very first time from a low-voltage architecture.

QUANT 48VOLT: The future of electric mobility runs on a flow cell – and at low voltage, too! nanoFlowcell® not only stands for ultimate performance, but also presents itself here as the lightest, safest, most environmentally compatible and economical powertrain system currently available anywhere for electric vehicles.

nanoFlowcell Holdings is showcasing its new QUANT concepts from 7 to 19 March at the 2017 Geneva Motor Show in hall 1, stand 1224.

nanoFlowcell® is the product brand used by nanoFlowcell Holdings Ltd for its proprietary flow-cell based energy technology. nanoFlowcell is similar to a combination of battery and fuel cell, requiring for energy storage and conversion only a non-toxic, non-flammable and environmentally compatible electrolyte liquid called bi-ION, developed by nanoFlowcell Research GmbH. The cost of manufacturing the bi-ION electrolyte liquid on an industrial scale is estimated at substantially less than ten cents per litre. The distribution and sale of the electrolyte liquid is straightforward as its product characteristics mean it is not bound by any laborious environmental constraints and could be handled via existing refuelling infrastructures.

Under the **QUANT** brand, nanoFlowcell Holdings Ltd develops prototype vehicles with low-voltage electric drive for the purpose of testing the new flow-cell based nanoFlowcell technology. In 2016, the

company demonstrated the potential of an electric vehicle powered by nanoFlowcell mainly with its QUANTiNO 48VOLT technology showcase, a road-legal mid-size sports car with nanoFlowcell low-voltage drive able to run fully electrically for upwards of 1,000 kilometres – with a top speed of 200 km/h and an acceleration from zero to 100 km/h of less than five seconds.

In short, *QUANT powered by nanoFlowcell* is a feasible form of electric mobility that protects the environment without compromises in comfort, performance or cost.

nanoFlowcell Holdings Ltd is an innovative research and development company in the field of flow cell technology and its applications. Besides the prototype development of electric vehicles under the QUANT brand, the company also conducts research into the opportunities for using nanoFlowcell® technology in other sectors and industries.

Further information on nanoFlowcell Holdings Ltd, nanoFlowcell® technology and the QUANT technology showcases can be found at <http://www.nanoflowcell.com>.