

on the basis of a decision  
by the German Bundestag

## Equipment

(financed by BMWi)

Instrument	Description
Quantachrome Autosorb-iQ-C-XR	Combined gas/vapour chemi- and physisorption
Quantachrome Autosorb-1-MP	Gas physisorption station
Quantachrome CryoSynch	Thermostate for Ar MP measurements at 87 K
Yamato Scientific (KDF-75)	Gas Convertible High-accuracy Vacuum Furnace
Biologic MPG2/Z (battery tester) <sup>1</sup>	16-channel potentiostat/galvanostat incl. 16 impedance channels and software license
Gamry Reference 600	High accuracy 600 mA potentiostat/galvanostat incl. PHE200, PE and EIS software packages
Gamry Reference 3000	3 Ampere potentiostat/galvanostat incl. PHE200 PE, VFP and EE software packages
Garmry RDE710	Rotating (Ring) Disc Electrode setup incl. multiple shafts, electrodes and cells
Parr High Pressure Vessel 4740	75ml high pressure/temperature reactor incl. reactor controller (450°C)
4 Witek Heating Mantles	Heating mantles (550 °C), incl. controller and thermoelement
Lambda Doser	Programmable powder doser (0.2 L)

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<sup>1</sup> Kindly provide via a Lending Agreement by the Max-Planck Institute of Colloids and Interface