

## List of equipment available for facility sharing

In the building of the HAN Academy for Applied Biosciences and Chemistry, MLO de Leijgraaf, MLO Rijn IJssel and Radboud university various laboratory equipment is available for facility sharing. This is ideal for start-ups and small companies who do not have such laboratory equipment at their disposal. A detailed overview of the inhouse equipment of these institutes is listed below;

General equipment		
Deep freezers, microscopes, centrifuges, stoves, incubators, (sonicator) water bath, heating blocks, vortexes, magnet shakers, balances, spectrophotometers, plate readers, fume hoods, flowcabinets, pHmeters, pipettes, autoclaves, laminar flow cabinets		
More specified equipment		
Analytical chemistry	Polymer Chemistry	Biology
AAS-AES (Perkin Elmer, Agilent)	Coagulometer	8-channel sequencer
MP-AES (ICP op stikstof)	Colorimeter	Automatic cell counter
Destruction microwave oven (Mars)	Conductometer	Bioreactors/Fermentors varying from 1 till 100 L
FPLC systems (Fast Protein Liquid Chromatography; BioRad)	Fluorimeter (Agilent)	Blood glucose meter
Conductometer	Galvanometer	Cryomicrotoom and microtoom
GC-MS (Agilent, Interscience)	Texture analyzer (Krachtbank; elasticiteit, trek en buigkracht)	Electroporator
Gel Permeation Chromatography	Melting point meter	Flowcytometer
DSC(Mettler Toledo)	Oscilloscope	Fluorescence microscopes (Olympus)
(an)Ion Chromatography (Dionex, Metrohm)	Refractometer	Gel electrophoresis system (also 2D)
IR spectroscopy (Shimadzu)	Rheometer	GenPulser Xcell (electroporator; BioRad)
Karl Fisher titrator (titrimetrisch & Coulometrisch)	Ubbelohde viscometer	LSM 700 Confocal microscope (Zeiss)
Kjeldahl nitrogen determination (FOSS, Gerhardt)		Lyophilizer (Christ Alpha)
LC-ESI-Ion Trap MS (AmaZon SL; Bruker)		Membrane filtration (Millipore)
Mini-GC		Multiplate reader (Perkin Elmer)
Moffeloven		Nanodrop
Various GC systems with FID detection (Thermo Scientific) & TCD detector		qPCR (BioRad) and PCR systems (Thermo Scientific)
Various HPLC systems with UV, DAD, fluorescence and ELSD-detection (Waters; Agilent, Shimadzu)		Scanning electron microscope (JEOL)

- In addition a large Plant breeding facility is available. With equipment like: tissue culture equipment, laminar flow cabinets, culture (light) room, media preparation.
- At the Radboud University campus, an additional number of advanced research facilities is available for innovative entrepreneurs and companies. An overview can be found at the [Radboud Research Facilities](#) website.