

Synthetic chemistry



Capital Equipment

Modular isothermal titration calorimeter	Mufal oven for Analytical Chemistry - gravimetric
Photochemical reactor	System for flash chromatography
Continuous micro reaction system	Hydrogenation autoclave
Microwave reactor for organic synthesis	UV-VIS spectrophotometer for chemistry
FT-IR spectrophotometer	Contact angle camera
Fluorescence spectrophotometer for organic chemistry	
Rotary evaporator with a vacuum pump	

Small Equipment

Safety cabinets for storing flammable substance	
Safety cabinets for storage of hazardous, corrosive and flammable substances, acids and alkalis	Circulator with heating and cooling
Sterilizer 110L	Ultrasonic Bath 3 L
Sterilizer 55L	Ultrasonic homogenizer, volume of 25 mL
Melting point apparatus	Hand, laboratory UV lamp 254/366 nm
Conductometer in the range from 0 to 200 mS/cm	Vacuum pump for water and vacuum thermometer
High vacuum pump	Vacuum manifold with 12 seats
Dry bath	Vacuum pump
Hot plate	Water bath 14 l with extras for vibration
Magnetic stirrer	Liquid nitrogen tank 18 L
Magnetic stirrer with hot plate	Laboratory dishwasher + accessories for washing pipette, flasks and glasses
Mechanical mixer + extras	Water bath volume of 14 L
Peristaltic pump	Rotary mixer + adapters
pH meter	Water bath with four places for chemistry
Polarymeter	
Refractometer	