

Attachment – equipment.

Within the laboratory, there are 2 groups of equipment:

Group A - equipment available in the laboratory,

Group B - equipment provided by the laboratory supervisor upon request of the persons concerned.

Group A - equipment available on-line in the laboratory

No	Name	Short description	SN	Optional accessories	Documentation
1	Hot Air	QUICK 861DS hot air station with nozzles (3szt)	K861DS0902A032		User manual - available only in Polish
2	Soldering iron	Stacja lutownicza Xytronic 168-3C	5907478962005	Soldering tips	User manual - available only in Polish
3	Soldering and desoldering station Xytronic	Type of equip. : Xytronic LF7000	2006/002	Soldering tips	User manual - available only in Polish
4*	Generator Agilent	Arbitrary generator 20MHz 33220A, power cord	MY44050886		User manual
5*	Multimeter Agilent	Agilent 34411A, set of measuring cables with probes	MY48003520		User manual
6*	Frequency meter	Frequency meter 225MHz Agilent 53131A, power cord	MY47006705		User manual
7*	Power supply	Agilent E3648A 100W Dual Output Power Supply Two 8V, 5A or 20V, 2.5A, kabel zasilający	MY50340001		User manual
8	Power supply	Quad power supply KB-6118, 4 x 20V 1A	73		
9*	Oscilloscope	Agilent MSO7104B Mixed Signal Oscilloscope: 1 GHz, 4 analog plus 16 digital channels, kabel zasilający, 4 sondy pasywne	MY50340115	Digital inputs cables	User manual
10	Oscilloscope	100MHz 2 kanały, cyfrowy, HP 54645A + moduł HP 54659B, 4 x sonda pasywna, kabel zasilający	f.o. US38440262		User manual
11	Multimeter	Multimeter M-4650B, etui, measurement cables	22649		
13	PC	PC	1 szt.		
14	PC	PC	1 szt.		
15	Stereomicroscope	Type CARTON DSZT44 with CA-DBS-1 tripod and 9W fluorescent backlight	206080038		

Group B - equipment available on request

No	Name	Short description	SN	Optional accessories	Documentation
1*	Generator Agilent	Agilent 81150A -02 arbitrary generator, 2 channels, 10MHz-120MHz-240MHz, power cord	DE47C01080	USB cable	Getting Started Guide User manual
2	Oscilloscope	Tektronix DPO7104, 4 channels 1GHz, 4 x passive probe, power cord	B068974	Active probes: TAP1500, TDP0500	User manual - available only in Polish User manual
3	Spectrum analyzer	Spectrum analyzer 3GHz with tracking gen. Agilent E7402A with options 1D6;41800A;41802A;1141A;1142A	MY45119683		User manual

4*	Logic analyzer (2pcs)	Agilent 16804A, power cord	MY49450104 MY50010141		
5	Circuit/spectrum analyzer	Agilent 500MHz, typ 4395A z opcją 1D6;87511A	MY41102120	Differential probe 1141A Active probe 5Hz-500MHz 41800A Balanced 100Ohm – unbalabced 50Ohm converter 16316A - 2szt Type N Calibration kit 85032F	User manual
6	Tektronix Arbitrary Generator	Type: AFG3101, 1GS/s, 100MHz	C021630		Quick Start User Manual
					Programmer User Manual
					Service Manual
7*	Power supply	Agilent E3648A 100W Dual Output Power Supply Two 8V, 5A or 20V, 2.5A	MY50340023		User manual
8*	Power supply system	N6700B + 4 power inserts N6733B	MY43012550	Złącza: 1253-6408 – 1szt 8120-8821 - 10szt 1553-5826 – 5szt (337-5, sz.13)	User manual
9	Spectrum analyzer	Spectrum analyzer 3GHz wirh tracking gen. , Agilent N9000A	MY50510169		Functional tests
					Getting started
					Programers reference
					Security features
					Mode measurement guide
					Mode user and progr. ref.
10*	Multimetr Agilent	Agilent 34411A, set of measuring cables with probes	MY48003528		User manual
11	Signal generator	HP 8654-B, 10 – 520MHz AM/FM	3		User manual
12	Signal generator	PGS-21, 64kHz – 130MHz AM/FM	23420		
13	Power supply	ZT980-2, 100V - 0,5A - 2szt.			
14	Power supply	5351, 10V – 10A			
15	Power supply	5353, 50V - 2A			
15	Power supply	BS525, 2x 30V – 1A			

Room accessories 325

No	Name	Short description
1	Table on wheels, lamp with magnifying glass	Computer table
2	Dry erase board	White dry erase board
3	Table	Table for computers and appliances - 6 pcs
4	Chairs	16 pcs
5	Electrostatic chairs	2 pcs
6	Lockers	6 pcs
7	Portable air conditioner	1 pcs
8	Electrostatic assembly table	1 pcs