

**List of equipment and instruments of the Department of Materials Science,
Nanotechnology and Engineering Physics**

№	Name	Date of purchase	INVENTOR Y NUMBER	Number of units available	Condition (new, good, bad)	Own, rented (from whom)
1	Water distiller ADEA-4-"SZMO"	05.09.2013	2410-17503	1	good	Own
2	Atomic absorption spectrometer	20.04.2007	2410-40493	1	good	Own
3	Acetylene Grade Cylinder	20.12.2012	2410-13851	1	good	Own
4	Cylinder for hydrogen brand	20.12.2012	2410-13852	1	good	Own
5	Cylinder for helium brand	20.12.2012	2410-13854	1	good	Own
6	Cylinder for helium brand	20.12.2012	2410-13853	1	good	Own
7	Scales electronic NPV	31.03.2003	2410-40494	1	good	Own
8	Camcorder	27.12.2005	2410-40495	1	good	Own
9	Derivatograph	01.01.1999	2410-40496	1	good	Own
10	Dilatometer	31.03.2003	2410-40497	1	good	Own
11	Activboard 78" interactive whiteboard (Activstudio software)	11.12.2008	2410-596	1	good	Own
12	Magnetic whiteboard	04.06.2018	241056260	1	good	Own
13	Magnetic whiteboard	04.06.2018	241056259	1	good	Own
14	Zenit 11UPA 603	27.12.2002	2410-40498	1	good	Own
15	Induction melting furnace	12.07.2018	241054652	1	good	Own
16	Cutting tool Balgarka	02.12.2002	2410-40499	1	good	Own
17	Xerox 3in1 MFP-4018	12.11.2008	2410-273	1	good	Own
18	Dome 0.592*0.592*0.35	30.11.2011	2410-7269	1	good	Own
19	Layout (on the topic of research)	05.04.2013	2410-14237	1	good	Own
20	Model of the project Kaz NTU named after Satpayev "Nanostructural"	30.11.2011	2410-7270	1	good	Own

21	Metallographic microscope IMM-901 with computer kit, printer	19.12.2014	2410-25535	1	good	Own
22	Microhardness tester PMT-3M with eyepiece-micrometer MOV1-16x	11.10.2013	2410-18717	1	good	Own
23	Multifunction Printer(MFP)	29.11.2013	2410-18834	1	good	Own
24	Multifunction Printer(MFP)	29.11.2013	2410-18837	1	good	Own
25	Multifunction Printer(MFP)	29.11.2013	2410-18835	1	good	Own
26	Multifunction Printer(MFP)	29.11.2013	2410-18836	1	good	Own
27	Multifunction Printer(MFP)	29.11.2013	2410-18838	1	good	Own
28	Multifunctional portable plasma complex "Gorynych GP35"	04.12.2014	2410-22236	1	good	Own
29	Mobile personal computer (laptop) Core i5/6Gb	25.11.2013	2410-18824	1	good	Own
30	Mobile personal computer (laptop) Core i5/6Gb	25.11.2013	2410-18822	1	good	Own
31	Monoblock HP All-in-ONE 22b031ur 21.5*FHD Core i3	12.01.2017	2410-51805	1	good	Own
32	Monoblock HP All-in-ONE 22b031ur 21.5*FHD Core i3	12.01.2017	2410-51806	1	good	Own
33	MFP Canon MF4410 (JZY S/N 03564)	30.05.2011	2410-5869	1	good	Own
34	MFP Canon MF4410 (JZY S/N 11662)	30.05.2011	2410-6120	1	good	Own
35	Canon MFP MF4410 (JZY S/N 28816)	30.05.2011	2410-6139	1	good	Own
36	Canon MFP MF4410 (JZY S/N 28884)	30.05.2011	2410-6085	1	good	Own
37	HP Color LaserJet Pro MFP M277n A4	12.01.2017	2410-51807	1	good	Own
38	HP Color LaserJet Pro MFP M277n A4	12.01.2017	2410-51808	1	good	Own
39	Notebook HP T3400	11.12.2008	2410-689	1	good	Own
40	Notebook HP6730b	20.02.2009	2410-1870	1	good	Own
41	muffle furnace	17.11.2014	2410-22121	1	good	Own
42	microwave oven	29.12.2005	2410-40506	1	good	Own
43	PC stationary (monoblock)	06.10.2020	241062791	1	good	Own
44	Tablet	27.11.2013	2410-18828	1	good	Own

45	Tablet Onda V972 32GB	25.11.2013	2410-18813	1	good	Own
46	Tablet Onda V972 32GB	25.11.2013	2410-18814	1	good	Own
47	Tablet Onda V972 32GB	25.11.2013	2410-18815	1	good	Own
48	Tablet Onda V972 32GB	25.11.2013	2410-18816	1	good	Own
49	Filling press	31.12.2006	2410-40507	1	good	Own
50	Laboratory hydraulic press PLG-20	11.11.2013	2410-19095	1	good	Own
51	Device DRON 3M	02.11.1987	2410-40508	1	good	Own
52	ORTOMA X341 DLP projector included (interface cable, package, gold-plated contacts)	26.08.2016	2410-47275	1	good	Own
53	Processor without monitor	06.02.2014	2410-20817	1	good	Own
54	Workstation IntelI (set)	30.11.2012	2410-13694	1	good	Own
55	Workstation included with PC	30.12.2013	2410-19306	1	good	Own
56	Рабочая станция в комплекте ПЭВМ	30.12.2013	2410-19307	1	good	Own
57	Workstation included with PC	30.12.2013	2410-19308	1	good	Own
58	Workstation included with PC	30.12.2013	2410-19310	1	good	Own
59	Workstation kit (LCD22 PhiIips monitor) Fac.CXXVB8721009310686	09.12.2010	2410-5380	1	good	Own
60	Workstation kit (LCD22 PhiIips monitor) Fac.CXXVB8721009311402	09.12.2010	2410-5168	1	good	Own
61	Workstation kit (LCD22 PhiIips monitor) Fac.CXXVB8721009311495	09.12.2010	2410-4910	1	good	Own
62	CVD CNT Growth System	12.12.2012	2410-14163	1	good	Own
63	Sample digestion system with heating included	31.07.2006	2410-40511	1	good	Own
64	Cutting machine	15.07.2005	2410-40514	1	good	Own
65	Grinding and polishing machine	19.12.2014	2410-25536	1	good	Own
66	Grinding polishing machine	28.02.2007	2410-40515	1	good	Own
67	Stand	09.10.2014	2410-25521	1	good	Own

68	Stand	09.10.2014	2410-25522	1	good	Own
69	Stand	09.10.2014	2410-25524	1	good	Own
70	Stand	09.10.2014	2410-25525	1	good	Own
71	Stand	09.10.2014	2410-25526	1	good	Own
72	Stand	09.10.2014	2410-25527	1	good	Own
73	Stand	09.10.2014	2410-25528	1	good	Own
74	Stand	09.10.2014	2410-25529	1	good	Own
75	Stand	09.10.2014	2410-25530	1	good	Own
76	Stand	09.10.2014	2410-25523	1	good	Own
77	Stand on wheels (interactive whiteboard stand on wheels)	11.12.2008	2410-853	1	good	Own
78	Telephone set	20.11.2020	241063815	1	good	Own
79	Photocell Tester and Sorter with Computer (Sun Simulator) Model:BXMF-XJ5B	03.09.2013	2410-19372	1	good	Own
80	ultrasonic cleaner	17.11.2014	2410-22119	1	good	Own
81	Plasma electrolytic oxidation unit (electronic innovative equipment)	30.09.2019	241058366	1	good	Own
82	Drilling installation	17.11.2014	2410-22120	1	good	Own
83	Refrigerator Biryusa	31.12.2006	2410-40521	1	good	Own
84	Digital universal hardness tester KB 250 BVR-Video	20.12.2013	2410-19157	1	good	Own
85	Standard steel fume hood with drain ditch	19.12.2013	2410-19158	1	good	Own
86	Desiccator вакуумный	17.11.2014	2410-22122	1	good	Own
87	Electromagnetic vibrator with adjustable frequency	31.12.2006	2410-40522	1	good	Own
88	Electric furnace (muffle) SNOL	11.10.2005	2410-40523	1	good	Own
89	Electric furnace (muffle) SNOL	11.10.2005	2410-40524	1	good	Own
90	Electric furnace SNOL 7.2/1100	21.12.2012	2410-13879	1	good	Own
91	Electrothermal automizer HGA 900 C AS800 included	30.06.2006	2410-40525	1	good	Own