

Name and Area of Professional Laboratories in the College of Medical Instrumentation

Serial Number	Laboratory Name	Area (m ²)	Classification
1	China Yangtze River Delta-Balkan Peninsula Bio-medicine International Technology Transfer Collaborative Innovation Center	2300	Innovation Research Laboratory
2	Life Support Technology Laboratory	322	
3	Surgical and Emergency Engineering Technology Laboratory	200	
4	Hemodialysis Engineering Technology Laboratory	200	
5	Runda Medical IVD Engineering Technology Laboratory	200	
6	Microcontrollers and Control Technology Laboratory	160	Comprehensive Application Laboratory
7	Embedded and Signal Processing Laboratory	134	
8	Human Signal Acquisition Laboratory	110	
9	Electromagnetic Compatibility (EMC) Laboratory	51	
10	Medical Big Data and Artificial Intelligence Laboratory	160	
11	Medical Big Data Application Technology Engineering Laboratory	124	
12	Clinical Laboratory Equipment Laboratory	106	
13	Intelligent Medical Information	124	

	Laboratory		
14	Medical Optics Laboratory	110	
15	Passive Medical Device Testing Technology Laboratory	113	
16	Active Medical Device Testing Technology Laboratory	153	
17	Medical Electrophysiological Technology Laboratory	237	
18	Mechanics Laboratory	123	Discipline Basic Laboratory
19	Mechanical Fundamentals Laboratory	137	
20	Electronic Technology Training Room	210	
21	Electronic Laboratory	210	
22	Electronic Technology Laboratory	136	
23	Electrician Training Room	190	
24	Circuit Laboratory	105	

Name and Area of the Research Laboratory in the College of Medical Instrumentation

Serial Number	Laboratory Name	Area (m ²)
1	Biomedical Materials Laboratory	50
2	Advanced Materials Intelligent Manufacturing Laboratory	50
3	Biomechanics Laboratory	50
4	Respiratory Mechanics Laboratory	100
5	Wearable Medical Technology and Device Engineering Research Center	150
6	Medical Signal and Image Processing Laboratory	50
7	Tuina and Rehabilitation Biomechanics Laboratory	50
8	Medical Device Management Laboratory	50
9	Intelligent Medical Device Innovation Design Laboratory	50
10	Medical Robots and Intelligent Medical Laboratory	50
11	Intelligent Medical Imaging and Computational Medical Laboratory	50
12	Biomedical Optics and Ophthalmic Technologies Laboratory	120
13	Intelligent Medical Engineering Laboratory	360