

# MEASURING INSTRUMENT LIST

No.	Name	Specification	Accuracy
1	Emission spectrometer	FOUNDAY-MASTER PRO	B Grade
2	Straightness spectrometer	FOUNDAY-MASTER SMART	
3	Direct reading spectrometer	X-MET8000	
4	Universal material testing machine	WAW-600B	1 Grade
5	Electronic extensometer	YYU-10/50	
6	Pendulum impact test machine	JB-300B	
7	Low temperature impact test tank	DWC-60	
8	Impact specimen notch projector	CST-50	
9	Metallurgical microscope	XJP-100	
10	Ultrasonic flaw detector	PXUT-350+	
11	Digital ultrasonic flaw detector	SF620	
12	Magnetic particle flaw detector	CDX- I	
13	Magnetic particle flaw detector	CJ-A	
14	Lifting force test block	≥45N	±20%
15	Illuminance meter	LX1010BS	
16	X-ray flaw detector	XXH-3005	
17	X-ray flaw detector	XXGH3005	
18	X-ray flaw detector	XXG3005	
19	Density film	DV-9A	
20	Blackness meter	DM2010A	
21	Viewing light box	PS-QL	
22	Digital display middle circle chart recorder	MAC1A	1.0 Grade
23	Digital display middle circle chart recorder	YYM-101A	1.0 Grade
24	Trolley heat treatment furnace	14mx4.5mx2.8m	
25	Cheap metal thermocouple	K	
26	Digital thermometer	DM6801A	
27	Digital display temperature controller	WL-JL2013	

28	Infrared thermometer	TN435	
29	Thermohygrometer	G2080B	
30	Thermohygrometer	G2080B	
31	Pointer type thermohygrometer	WS-AI	
32	Pointer type thermohygrometer	WS-AI	
33	Welding rod drying box	YZH2-60	±0.3
34	Flux drying box	YJJ-A-100	±0.3
35	Drying box	ZYA-20	
36	Ultrasonic thickness gauge	UM-1	
37	Ultrasonic thickness gauge	SW-65101-300 mm	± (0.5%*H+0.04) mm
38	Welding inspection ruler	KH45B	
39	Steel ruler	1000mm	
40	Universal angle ruler	0-320°	
41	Universal angle ruler	0-320°	
42	Surface roughness comparison sample	Ra0.2 0.4 0.8 1.6 3.2 6.3 12.5 25μm	
43	Leeb hardness tester	HL-80	
44	Leeb hardness tester	HL-80	
45	Level ruler		
46	Steel tape measure	0-3m	1mm
47	Steel tape measure	3m	1mm
48	Thickness gauge	0-20 mm	0.1mm
49	Thickness gauge	0-20 mm	0.1mm
50	Thickness gauge	0-20 mm	0.1mm
51	Thickness gauge	0-20 mm	0.1mm
52	Thickness gauge	0-20 mm	0.1mm
53	Right angle ruler	(250x500) mm	1mm
54	Right angle ruler	0-500 mm	1mm
55	Right angle ruler	0-500 mm	1mm
56	Angle gauge	0-180°	±20%
57	Feeler gauge	(0.05-1.00) mm	
58	Vernier caliper	0-150 mm	0.02mm

59	Vernier caliper	0-150 mm	0.02mm
60	Vernier caliper	0-300 mm	0.02mm
61	Vernier caliper	0-600mm	±20%
62	Vernier caliper	0-500mm	
63	Vernier caliper	0-600mm	
64	Vernier caliper	0-600mm	
65	Vernier caliper	0-500mm	
66	Vernier caliper	0-500mm	
67	Vernier caliper	0-500mm	
68	Height caliper	0-500mm	
69	Outside micrometer	0-25mm	
70	Outside micrometer	0-25mm	
71	Indicator	0-5mm	
72	Pressure gauge	0-6MPa	1.6 Grade
73	Pressure gauge	0-6MPa	1.6 Grade
74	Pressure gauge	0-6MPa	1.6 Grade
75	Pressure gauge	0-60MPa	1.6 Grade
76	Pressure gauge	0-60MPa	1.6 Grade
77	Pressure gauge	0-60MPa	1.6 Grade
78	Pressure gauge	0-1.6MPa	1.6 Grade
79	Pressure gauge	0-40MPa	1.6 Grade
80	Pressure gauge	0-60MPa	1.6 Grade
81	Gas pressure gauge	0-1MPa	1.6 Grade
82	Pressure gauge	0-4MPa	1.6 Grade
83	Gas pressure gauge	0-25MPa	1.6 Grade
84	Gas pressure gauge	0-1MPa	1.6 Grade
85	Pressure gauge	0-2.5MPa	1.6 Grade
86	Pressure gauge	0-2.5MPa	1.6 Grade
87	Pressure gauge	0-25MPa	1.6 Grade
88	Pressure gauge	0-4MPa	1.6 Grade
89	Pressure gauge	0-4MPa	1.6 Grade
90	Pressure gauge	0-60 MPa	
91	Pressure gauge	0-25 MPa	

92	Pressure gauge	0-60 MPa	
93	Pressure gauge	0-60 MPa	
94	Pressure gauge	0-60 MPa	
95	Pressure gauge	0-4MPa	
96	Pressure gauge	0-4MPa	
97	Amperemeter	60-630A	±20%
98	Voltmeter	17-44V	±20%
99	Voltmeter	17-39V	±20%
100	Amperemeter	60-500A	±20%
101	Amperemeter	60-630A	±20%
102	Voltmeter	17-44V	±20%
103	Amperemeter	60-500A	±20%
104	Voltmeter	17-39V	±20%
105	Amperemeter	60-500A	±20%
106	Voltmeter	17-39V	±20%
107	Amperemeter	60-630A	±20%
108	Voltmeter	17-44V	±20%
109	Electric welding machine	ZX5-500	
110	Amperemeter	60-500A	±20%
111	Voltmeter	17-39V	±20%
112	Amperemeter	60-630A	±20%
113	Voltmeter	17-44VV	±20%
114	Electric welding machine	WS-500	
115	Analog ammeter	44L1 0-50A	
116	Analog ammeter	44L1 0-50A	