



EQUIPMENT LIST

M/C Type	Qty'	Brand	Made in	Model	X/Y/Z Travel (mm)	Accuracy (mm)	
5-Axis CNC Milling Center (6)	1	DMG	GERMANY	DMU 95 monoBLOCK	950 X 850 X 650	0.005	
	1	DMG	GERMANY	DMU 75 monoBLOCK	750 X 650 X 560	0.005	
	1	DMG	GERMANY	DMU 60 eVo linear	600 X 500 X 500	0.005	
	3	DMG	GERMANY	DMU 50	500 X 450 X 400	0.005	
4-Axis CNC Milling Center (36)	6	DMG MORI	JAPAN	CMX 600 VC	600 x 560 x 510	0.005	
	9	BROTHER	JAPAN	TC-S2DN2	500 X 400 X 300	0.01	
	12	BROTHER	JAPAN	S500Z1	500 X 400 X 300	0.01	
	1	FUNUC	JAPAN	FANUC-a-D21	500 X 400 X 300	0.01	
3-Axis CNC Milling Center (38)	8	JIRFINE	CHINA	V-65	650 X 400 X 350	0.02	
	4	BROTHER	JAPAN	S500Z1	500 X 400 X 300	0.01	
	5	FUNUC	JAPAN	FANUC-a-T14	500 X 400 X 330	0.01	
	2	HAAS	AMERICA	VF-2SS	762 X 406 X 508	0.01	
	15	KOMATECH	KOREA	GMT400II	520 X 400 X 330	0.01	
	3	JIRFINE	CHINA	V-65	650 X 400 X 350	0.02	
	2	JIRFINE	CHINA	VMC-850L	800 X 500 X 500	0.02	
	3	TAIKE	TAIWAN	TK-V8	800 X 500 X 500	0.015	
SWISS Type CNC Lathe (15)	4	TAIKE	TAIWAN	T-V65	600 X 400 X 450	0.02	
	8	STAR	JAPAN	SR-20J type C/E/G	Φ20 X 205	0.005	
CNC Turning Center (42)	7	STAR	JAPAN	SR-20J type N	Φ20 X 55	0.005	
	15	MIYANO	JAPAN	BNC-42C7	Φ42X 175	0.005	
	16	MIYANO	JAPAN	BNC-42C5	Φ42X 175	0.005	
	2	TAKAMAZ	JAPAN	GL10	Φ150X 80	0.005	
	2	TAKISAWA	JAPAN	TCN213C	Φ45X 280	0.005	
	2	TAKISAWA	JAPAN	TCN203C	Φ250X 300	0.005	
	2	TAKISAWA	JAPAN	TCN-2100CL3	Φ400X 300	0.005	
	1	TAKISAWA	JAPAN	TC-100L2	Φ42X 150	0.005	
High Speed Auto Lathe	2	HYUNDAI WIA	KOREA	E200PA	Φ350X 280	0.01	
	10	MYLAS	TAIWAN	M-1525-1	Φ15X 25	0.01	
	Wire EDM (10)	1	SODICK	JAPAN	AQ560L	560 X 350 X 300	0.002
		1	SODICK	JAPAN	ALN400QS	400 X 300 X 250	0.002
		2	SODICK	JAPAN	ALN400Q	400 X 300 X 250	0.002
		2	SODICK	JAPAN	AQ400LS	400 X 300 X 250	0.002
		1	SODICK	JAPAN	AQ360LS	360 X 250 X 250	0.002
1		SEIBU	JAPAN	M50B	500 X 350 X 310	0.002	
2	SSG	TAIWAN	LA500A	500 X 350 X 270	0.005		
Sinker EDM	4	TAISHU	TAIWAN	XH-450	450 X 300 X 300	0.01	
Surface Grinder (3)	2	KENT	TAIWAN	KGS-84AHK	800 X 400 X 350	0.005	
	1	PUCHUANG	TAIWAN	3060AHR	600 X 300 X 400	0.005	
Centerless Grinder	1	HUXING	TAIWAN	FX-18S	Φ0.5~ Φ50	0.002	
Cylindrical ID/OD Grinder (3)	1	SH MACHINE	CHINA	MM1420E	Φ200 X 500	0.002	
	1	SH MACHINE	CHINA	MM1420A	Φ200 X 750	0.002	
	1	BY JC	CHINA	M1432C	Φ320 X 1000	0.005	
Manual Surface Grinder (17)	13	HYFAIR	TAIWAN	HF-618	400 X 150 X 250	0.002	
	4	SEEDTEC	TAIWAN	618S	400 X 150 X 250	0.002	
Manual Milling Machine	28	GENTIGER	TAIWAN	SHCM-97VS	650 X 350 X 360	0.01	
Manual Lathe (7)	6	NANFANG LATHE	CHINA	C6132D	Φ350 X 750	0.01	
	1	DALIAN MACHINE	CHINA	CDS6150B	Φ500 X 1000	0.01	
TOTAL:	220						



MEASURING EQUIPMENT LIST

M/C Type	Qty'	Brand	Made in	Model	Measuring Range (mm)	Accuracy (mm)
CMM	1	ZEISS	GERMANY	SPECTRUM 10/12/6	800 X 1200 X 900	1.7+L/350um
	1	TESA	SWITZERLAND	Micro-Hite 3D	460 X 510 X 420	0.003
Height Gage	6	TESA	SWITZERLAND	Hite 700/400/350	0-700	0.002
2.5D Auto Vision Measuring Machine	1	GDH	CHINA	3020CNC	300 X 200 X 200	0.003
2D Vision Measuring Machine	8	EASSON	CHINA	VMS-1510G	150X 110 X 100	0.01
Profile Projector	2	RATIONAL	CHINA	CPJ-3050	150 X 50 X 100	0.005
Digital Micrometer	24	QLR	CHINA		0-75	0.004
Digital Three Point Internal Micrometer	2	MITUTOYO	JAPAN	SBM-63CX/88CX	55~63/75~88	±0.006
Three Point Internal Micrometer	24	QLR	CHINA	6-100mm	6-100	±0.005
Tungsten Steel Gauge Block	1	AVIC	CHINA	0.5-100mm	0.50-100	0.002
Concentricity Gauge	1	UNIVERSAL	AMERICA	23211-B-10P	Φ3~ Φ25 X 102 mm	0.002
Measuring Microscope	3	MITUTOYO	JAPAN	TM505	50 X 50 X 115	30X
Surface Roughness Gauge	2	MITUTOYO	JAPAN	SJ-201	-200~+150 mm	-
Stationary Metal Analyzer	1	AMETEK	GERMANY	SPECTROMAXx	-	-
X-ray Coating Thickness Gauge	1	MicroPioneer	KOREA	XRF-2000	0-30 (H)	0.01 um
Vickers Hardness Tester	1	SCTMC	CHINA	HV-1000	1-2967 HV	0.01
Rockwell Hardness Tester	2	ROCKIE	CHINA	HR-150A	20-88HAR/20-100HRB/20-70HRC	0.5HR
TOTAL:	81					