

		Manufacturer	Product Name	Type No.	Version	Manufactured Date	Purchased Date	Numbers
Mechanical Properties Test Equipments	Universal testing machine	Shimadzu Corporation	Computer controlled/Hydraulic servo Shimadzu testing machine	UH-F500kNA		1991-9		1
	Impact tester	Tokyo Testing Machine	Charpy impact tester	CI-30		1985-8	1985-9	1
	Friction and wear tester	Tokyo Testing Machine	Riken-Ogoshi Type friction and wear tester	OAT-U		2001-8	2001-7	1
	Stationary type Brinell	Maekawa Testing Machine Mfg.	Hydraulic 3kgs Brinell hardness tester	Hardness testing machine - Brinell Type		1972-4		1
	Micro vickers	Matsuzawa	Digital micro hardness tester	DMH-1		1885-7		1
	Shore hardness tester	Imai Seiki	Shore hardness tester	D type		2001-8	2001-8	1
	Rockwell hardness tester	Akashi Seisakusho	Akashi Rockwell hardness tester	ARK-B		1983-7		1
	Equo Tip	Manufactured by PROCEQ S.A.,Switzerland Fuji bussan(Agency)	Equo Tip			1993-6		1
Inspection Instruments	Optical 3D measuring machine	Marubeni Information Systems	ATOS II e				2008	3
	Scanning Electron Microscope	JEOL	Scanning Electron Microscope	JSM-6360LA		2003-2	2003-2	1
	Optical microscope	Nikon	Optiphot 100S				1998-4	1
	Microscope	Nippon Optical Works	Shop portable metallurgical microscope	NSM-M			2001-6	1
	Image analysis software	Mitani Corporation	WinROOF		3.1			1
	Ultrasonic detector	GE Inspection Technologies	Digital ultrasonic detector	USM35			2008-4	1
	Magnetic detector	Denshijiki Industry	Magnetic detector (Yoke method)	Um-3BF		2007-10	2007-10	2
Simulation	Stream/Solidification analysis	MAGMA	MAGMA SOFT		4.4		2008-8	4
	Stream/Solidification/Stress analysis	EKKJapan	CAPCAST				2006-3 2008-2	2
	Stream/Solidification analysis	Qualica	JSCAST		6			3
Testing Equipments	High frequency induction furnace	Fujidempa Kogyo	High frequency induction furnace	FTH-50-3M		1990-6	1990-6	1
	Gus pressure measuring device	Toyoda Machine Works	Casting gus pressure measuring device	PA2000				1
	Heat treatment furnace	Yamato Scientific	Muffle furnace	FO 710				4
	Heat treatment furnace	Iwata Denki Seisakusho	Electric furnace	TM-24		1997-3		1
	Shot Blast	ASCON	Blast cabinet	B-2		1997-6	1997-12	1
	Spraying equipment	SNM Asia	Flame spraying machine	Masterjet		1997-6	1997-12	1
	Tammann furnace	Iwata Denki Seisakusho	Kantal super furnace	KT-8		1997-5		1
	Differential thermal analyzer	ULVAC-Riko.	High-speed thermogravimetry	TGD7000			1990-4	1
	Linear thermal dilatometry	ULVAC-Riko.	Horizontal thermal dilatometry	E410			1990-4	1
	Rapid heating tester	Iwata Denki Seisakusho	Rapid heating testing furnace	TM-3		1999-10		1
	High-temperataure transverse tester	Iwata Denki Seisakusho	High-temperataure transverse testing	KMH-3		2003-5		1
Milling machines	Cutting machine	Tsune Seiki	Hydraulic strong and high speed band saw	PSB-350U		1996		1
	Surface grinder	Okamoto Machine Works	Precision surface grinder	PSG-52EN		2008-2		1
	Wire-cut	Fanuc	Wire-cut electro discharge machine	ROBOCUT α-OiD		2008-5	2008-6	1