




INSTRUMENTS DETAILS**1. Simultaneous Thermal Analysis (STA)**

	Technical Specifications:	
	Temperature range	RT to 1100 °C
	Heating rate	0.02 to 250 K/min
	Crucible volume	Up to 100 µL
	Dynamic weighing range	1/5 g (depending on balance model)
	Balance resolution	0.1/1 µg (depending on balance model)
	Weighing accuracy	0.005%
Weighing precision	0.0025%	

2. UV spectrophotometer compact (UV-2600i)

	Technical Specifications:	
	Wavelength range:	185 to 900 nm 220 to 1,400 nm when the ISR-2600Plus Integrating Sphere Attachment is used
	Photometric system:	Double beam
	Monochromator:	Czerny–Turner mounting Lo-Ray-Ligh™ grade blazed holographic grating Use grating
	Single monochromator	
	Photometric range:	-5 to 5 Abs (Display range ±10Abs, ±1012%)

3. Spectrofluorophotometer (RF-6000)

	Technical Specifications:	
	Light source:	150 W Xenon lamp
	Scanning Wavelength range:	200 to 900 nm and 0 order
	Resolution:	1.0 nm or less (Emission)
	Sensitivity:	The SN ratio of the Raman line of distilled water is 350 and more (P-P) 1,000 and more (RMS)
	Wavelength slewing speed:	60,000 nm/min.