

GC-MS Coupling	
Mass Spectrometer	
Manufacturer	Agilent, Jeol
Mass range	>1000
Mass resolution	Unit mass (adjustable by tuning)
Ionization energy	Standard 70 eV (selectable range: 5 to 241.5 eV)
Scan rates	>20000
Gas Chromatograph	
Manufacturer	Agilent
Valve box	<ul style="list-style-type: none"> ■ Heatable up to 300°C ■ Sampling loop 250 µl or 500 µl ■ Optional two loops
Injector	<ul style="list-style-type: none"> ■ Split, splitless, pulsed split ■ Max. 450°C
GC column	<ul style="list-style-type: none"> ■ Standard HP-5ms column ■ Length 30 m ■ Max. 325°C ■ Exchangeable
Transfer System from TGA or STA	
Heated furnace adapter	Max. 350°C
Heated transfer line	Glass-lined steel pipe max. 350°C
Length of transfer line	1.5 m (other lengths on request)
Bypass system for excess gas at the furnace	Yes