

GC-MS Coupling

Mass Spectrometer

Manufacturer	Agilent, Jeol and others
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 and others
Valve box	<ul style="list-style-type: none"> ▪ Heatable up to 350°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. 400°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

Coupling to existing NETZSCH devices of the series TGA, DSC, STA, DIL and TMA is possible. Please, contact your NETZSCH sales representative for details.