

Shimadzu Europa GmbH · Postfach 29 02 60 · D-47262 Duisburg F.R.G.

To WHOM IT MAY CONCERN

Duisburg, 18/06/2018.

RE: Shimadzu GCMS specifications

Dear Sir/Madam,

We would like to inform you that Shimadzu is constantly working to improve specifications and performance of mass spectrometer instrument line.




In that scope, and even if there is no practical need on our system, we would like to confirm the following supplementary information for Shimadzu GC-MS/MS systems GCMS-TQ and SQ series as well as for our new GCMS NX series specification:

- The ion source temperature can raise up to 350 °C.
- As it is shown in the screenshot below our GCMS can operate with temperatures between 140 and 350 °C.

Sincerely Yours,



**Dr. Waldemar Weber | Product Manager GCMS,
Marketing Europe | Analytical Business Unit
Shimadzu Europa GmbH**

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The screenshot shows the GCMS Real Time Analysis interface. A warning dialog box is displayed in the foreground, stating: "Please enter a number between 140 and 350." The background shows a chromatogram with a peak at approximately 2.5 minutes. Below the chromatogram, the software settings are visible, including Ion Source Temp. (351.0 °C), Interface Temp. (250 °C), Solvent Cut Time (1.5 min), and Detector Voltage (0.3 kV). A table at the bottom displays acquisition data for two events.

	Start Time (min)	End Time (min)	Acq. Mode	Event Time(sec)	Scan Speed	Start m/z	End m/z	Cl m
1	2.00	35.00	Scan	0.30	1666	42.00	500.00	
2	0.00	0.00	Scan	0.00	0	0.00	0.00	

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