



Technical Bulletin 293

Version 1.0 30/03/2026

Updates to Panther and Panther PRO Gas Table.

This technical bulletin is to provide awareness of an update to the Panther and Panther PRO gas table.

Details of the Gas Table Update V1.1

Full details of the latest changes can be found below:

- Added minimum sensitivities for each of the gas groups
- 7 new listed compounds:
 - Refrigerant R 404a
 - Refrigerant R 407c
 - Refrigerant R 410a
 - Refrigerant R 448a
 - Refrigerant R 449a
 - Halon 1301
 - Krypton

How can I access the gas table update?

A message will be displayed via the ION PC software when the instrument is next connected, prompting you to update the new gas table. You can navigate to the Gastable page of ION PC and select the latest gas table.

The screenshot shows the 'Panther Gastable' interface. It has a 'Select Gastable' section with a dropdown for 'Gastable Version' set to '1' and 'Active Version: 1'. A 'Filters' section includes a 'Search Gas Name' input field and a toggle for 'Only Show Favourites' which is currently 'Off'. Below this is a table with the following data:

Favourite Gas	Gas Name	Abbreviation	Chemical Formula	Molecular Weight	Response Factor
☆	GAS GROUP 1a			6	1
☆	GAS GROUP 1b			150	1
☆	GAS GROUP 2a			15	2.5

You can also refer to the Panther Sensitivity Chart, which can be downloaded from the ION Science website <https://ionscience.com/en/products/panther-gas-leak-detector/#downloads>

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