

Technical Bulletin 170

Version 1.0 1st June 2016

Updated instrument gas tables for Tiger and Tiger Select

We have updated our instrument gas tables for the Tiger and Tiger Select. New versions are available for download from our website in English, German and French. The instrument gas tables include many new gases with response factors and personal safety levels for EH40, OSHA, NIOSH, VME and AGW.

To download the TIGER gas table go to Instrument Software on the TIGER downloads page.

<http://www.ionscience.com/products/tiger-handheld-voc-gas-detector#product-description=downloads>

To download the TIGER Select gas table go to Instrument Software on the TIGER Select downloads page.

<http://www.ionscience.com/products/tiger-select-benzene-and-total-aromatic-compound-detector#product-description=downloads>

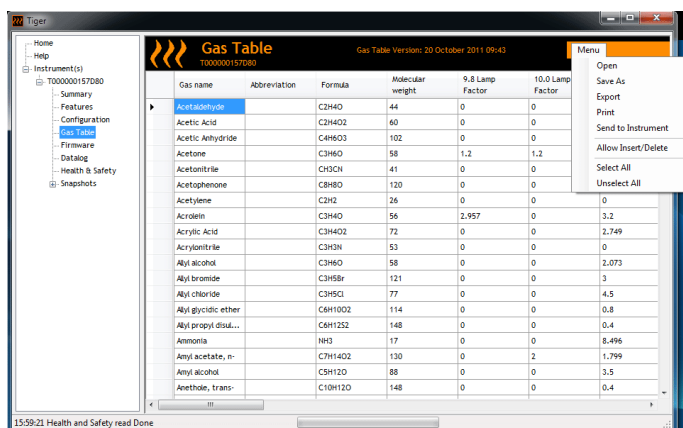
Simply download the gas table onto your computer and follow the steps below.

- Unzip the file and save a copy to your computer
- With your instrument connected to TigerPC select 'Gas table' from the options (on the left hand side of the screen)
- Click on the 'Menu' button (on the top right hand corner) and select 'Open'
- Select the previously saved file and open it so it is displayed in TigerPC
- Press the 'Send to instrument' option from the drop-down menu
- Check the new gas table is in the instrument by viewing the gas tables date in the 'i' (information) menu of the instrument - the latest gas tables are dated 29-04-2016

In addition to the instrument gas tables above, we have also updated our PID response factors list within Technical Article TA-02. To obtain a copy please contact Ion Science.

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Gas name	Abbreviation	Formula	Molecular weight	9.8 Lamp Factor	10.0 Lamp Factor
Acetaldehyde		C2H4O	44	0	0
Acetic Acid		C2H4O2	60	0	0
Acetic Anhydride		C4H6O3	102	0	0
Acetone		C3H6O	58	1.2	1.2
Acetonitrile		CH3CN	41	0	0
Acetophenone		C8H8O	120	0	0
Acetylene		C2H2	26	0	0
Acrolein		C3H4O	56	2.957	0
Acrylic Acid		C3H4O2	72	0	0
Acrylonitrile		C3H3N	53	0	0
Allyl alcohol		C3H6O	58	0	0
Allyl bromide		C3H5Br	121	0	0
Allyl chloride		C3H5Cl	77	0	0
Allyl glycidic ether		C6H10O2	114	0	0
Allyl propyl disul...		C8H12S2	148	0	0
Ammonia		NH3	17	0	0
Amyl acetate, n-		C7H14O2	130	0	2
Amyl alcohol		C5H12O	88	0	0
Anethole, trans-		C10H12O	148	0	0