

Information Data Sheet

PID Pre-Filter Tube Benzene C₆H₆

Part No: D7095863

Detection Range	0.01 - 200 ppm
Temp. Range	2 - 40 °C

Sample Time

Temp. °C	2 - 10	10 - 20	20 - 30	30 - 40
Temp. °F	36 - 50	50 - 68	68 - 86	86 - 104
Time (s)	230	180	120	80

Note: Lower temperature time displayed, increments can be selected on instrument.

Colour Change

Orange → Brown → Green



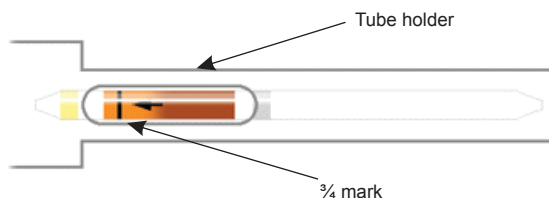
Compound	Test Conc. (ppmv)*	Apparent Benzene Response
Toluene	400	0
Xylene	200	0
Cyclohexane	50^	0
Propane	1000	0
Butane	100	0
Acetone	400	0
Ethyl acetate	100	0
Ethanol	50	0
Pentane	1500	0
Hexane	100^	0
Heptane	20	0
Octane	300	0
H ₂ S	25	0
Chlorobenzene	20	2.9
TCE	100	1.8
PCE	50	>11

*Not necessarily the maximum allowable conc.

^ Higher concentration may cause reduced benzene response

Sampling Procedure

- Break off tips of tube
- Insert tube into the pre-filter holder. The arrow must point towards the device.
- Refer to the Tiger Select manual for calibration and measurement.
- During measurement, if hydrocarbons other than benzene are present the orange indicating layer turns to brown then green. If this colouring is longer than ¾ marking the filter tube is reaching capacity and should no longer be used.



Humidity: No effect on reading 0 – 95% RH

Storage and shelf life: Store unopened tubes in a dark place, 5 – 20°C. Storage in a refrigerator is advised. Shelf life is 2 years. For expiration date see the back of pack.

Safety Advice/Disposal: Dispose of tubes according to local regulations. Do not draw humid air for extended periods, or any liquid water, through the tubes as corrosive liquids could be created which will damage instruments.

Note: Caution while opening the tube – glass splinters may come off. Danger of injury due to sharp edges. After expiry date the tube must not be used anymore.

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