Specification Sheet

Degasser Solvent Compatibility for MINI, OEM MINI, Stand-Alone MINI, and Open Frame Degassing Modules

Chemical Compatibility

Degasser solvent compatibility for Standard MINI Chamber fluid paths containing a TFE-PDD membrane.
The following solvents and their compatibility are known. General solvents to be avoided fluorine containing solvents such as those supplied by Asahi, DuPont, Solvay-Solexis and 3M.

DESCRIPTION	DEGASSER COMPATIBILITY
Acetic Acid, Glacial	Compatible
Acetone	Compatible
Acetonitrile	Compatible
Chlorobenzene	Compatible
Chloroform	Compatible
Dichloromethane	Compatible
Dimethyl Sulfoxide	Compatible
Ether	Compatible
Ethyl Acetate	Compatible
Hexafluoroisopropanol	Incompatible
Hexanes (60% n-Hexane)	Incompatible
Isopropyl Alcohol	Compatible
Methyl Alcohol, Anhydrous	Compatible
Methyl Ethyl Ketone	Compatible
Methyl Isobutyl Ketone	Compatible
Methyl tert-Butyl Ether	Compatible
N,N-Dimethylacetamide	Compatible
N,N-Dimethylformamide	Compatible
n-Propyl Alcohol	Compatible
NMP (N-Methyl-2-pyrrolidinone)	Compatible
Sodium Azide	Incompatible
Tetrahydrofuran	Compatible
Toluene	Compatible
Water	Compatible

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Chemical Compatibility (continued)

General Chemicals	
Buffers	Compatible [2]
Hydro fluoro solvents	Incompatible
Perfluorinated solvents	Incompatible
Freons	Incompatible
Salts	Compatible [2]
Acids	Compatible [1]
Bases	Compatible [1]

Notes:

1. Concentrated acids and bases, particularly 1 molar or greater may attack PEEK and PPS wetted parts. Exposure to these acids should be avoided.
2. highly concentrate buffer and salt containing mobile phases should be washed from the HPLC flow path including the degasser flowpath if the instrument is to be idle for an extended period of time. Particular attention should be paid to not leave such concentrated solutions in an unused flowpath for an extended period. Crystallization may occur resulting in blockage of the flowpath.

The above chemical compatibility information has been obtained from our material suppliers and third party sources. IDEX Health & Science LLC does not perform chemical compatibility testing nor do we guarantee compatibility of any of the materials listed on the sheet.

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