

Stationary Phase	T max *	Equivalent/Alternative to	EPA/USP Methods **	Applications
MEGA-225 25% cyanopropyl, 25% phenyl 50% methyl polysiloxane	up to 260°C	DB-225, HP-225, AT-225(+), 007-225, Rtx-225, BP-225, CP Sil 43 CB	EPA: 8095, etc.** USP: G7, G19, G26	Mid-to-high polarity phase Carbohydrates, sterols, flavor compounds, etc.
MEGA-35 35% phenyl, 65% methyl polysiloxane	up to 340°C	DB-35, HP-35, AT-35(+), ZB-35, 007-11, ZB-MultiResidue-2, Rtx-35, SPB-35, SPB-608	EPA: 507, 508, 513, 551.1, 615, 622, etc.** USP: G28, G32, G42	General purpose column Pesticides, PCBs, substituted polar compounds, phenols, etc. Ideal as confirmation column
MEGA-50 50% cyanopropyl, 50% methyl polysiloxane	up to 260°C	DB-23, Silar-5, Rtx-2330, SP-2330	USP: G8	Mid-to-high polarity phase Carbohydrates, sterols, FAMES, flavor compounds, etc.
MEGA-ALC I&2 proprietary specific phases	up to 280°C	DB-ALC I&2, Rtx-BAC I&2	-	Application specific column for blood alcohols testing (see application notes on www.mega.mi.it)
MEGA-BASIC proprietary specific phase	n.d.	unique column	-	Application specific column for basic compounds (e.g. amines) (see application notes on www.mega.mi.it)
MEGA-BIODIESEL phases for biodiesel analysis	up to 380°C (EN14105)	Biodiesel Columns	EN 14105 (ASTM 6584), EN 14103, EN 14110, EN 14331	Application specific column for free and total glycerine (phase stable up to 380°C) and for FAMES in biodiesel analysis (see application notes on www.mega.mi.it)
MEGA-DAI I&2 proprietary unique phases for Direct Aqueous Injections	up to 320°C	unique columns	-	Application specific column for direct introduction of aqueous samples, thus minimizing sample preparation (see application notes on www.mega.mi.it)
MEGA-FFAP EXT acid modified polyethylene glycol (PEG)	up to 260°C	DB-FFAP, AT-1000(+), ZB-FFAP, 007-FFAP, Stabilwax-DA, BP-21, Nukol, CP Wax 57 CB	EPA: 8032, etc.** USP: G14, G15, G16, G25, G35, G39	General purpose column ideal for free acids, FAMES, BTEX aromatics, flavor compounds, alcohols, spirits, polar compounds, etc. Extended temperature range phase, crossbonded. Aqueous samples compatible
MEGA-JXR 100% methyl polysiloxane	up to 350°C	no equivalent on the market	USP: G1, G2, G9, G38	General purpose apolar column
MEGA-LAP proprietary unique phase for Lipids Analysis	up to 370°C	unique column	-	Application specific column for lipids, sterols and triglycerides analysis (see application notes on www.mega.mi.it)

All the trademarks mentioned in this document are registered.

*: the temperature range may change depending on the stationary phase film thickness.

***: visit our website for a more complete guide to choose your GC column on the basis of EPA normative, USP requirements and/or ASTM method.

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