

MEGA	Phase Composition	Temperature Max *	USP Classification	EPA Methods, Normatives	Applications
MEGA - 13	13% Phenyl, 87% Methyl Polysiloxane	340°C		EPA 601, 602, 624	General purpose column for halocarbons and ideal as confirmation column.
MEGA - 20	20% Phenyl, 80% Methyl Polysiloxane	340°C	G28, G32		General purpose column. Volatile compounds, flavour compounds, alcoholic beverages etc. ideal as confirmation column.
MEGA - 50	50% Cyanopropyl, 50% Methyl Polysiloxane	260°C	G5		General purpose column. Carbohydrates, sterols, flavour compounds, FAMES and confirmation column.
MEGA - 200	Trifluoropropyl Methyl Polysiloxane	300°C	G6		General purpose column. Freon fluorocarbons, alcohols, ketones. Unique selectivity.
MEGA - SE54	5% Phenyl, 1% Vinyl 94% Methyl Polysiloxane	350°C	G36		General purpose column (see MEGA-5).
MEGA - DEX Chiral Columns	MEGA-Dex DET Beta and Gamma MEGA-Dex DAC Beta and Gamma MEGA-Dex DMT Beta MEGA-Dex DMP Beta	230°C			Unique cyclodextrins based phases for chiral GC separations. Contact us to know our complete chiral columns range! We provide custom made MEGA-Dex stationary phases to solve your specific chiral analytical problem.
MEGA - ALC 1 & 2	Proprietary phases	nd			Application-specific columns for Blood Alcohols testing; equivalent to DB-ALC 1 & 2 and Rtx-BAC 1 & 2.
MEGA - BASIC	Proprietary unique phase for basic compounds separation (Amines)	nd			Application-specific column for basic compounds analysis (Amines).
MEGA - DAI 1 & 2	Proprietary unique phases developed for Direct Aqueous Injections	nd			Application-specific columns for Direct Aqueous Injections without sample preparation.
MEGA - LAP	Proprietary unique phase developed for Lipid Analysis	370°C			Application-specific column for Lipids, Sterols and Triglycerides analysis.
MEGA - PLUS	Copolymer Polyethylenglycol (PEG) + Methyl Polysiloxane	nd			General purpose. Tune the selectivity choosing between the uniques MEGA-PLUS 10 (10% PEG, 90% PDMS), MEGA-PLUS 25 (25% PEG, 75% PDMS), MEGA-PLUS 75 (75% PEG, 25% PDMS) or asking for a completely custom MEGA-PLUS column!
MEGA - POF 1 & 2	New proprietary phases	nd			Application-specific columns developed for pesticides, herbicides and insecticides analysis.
MEGA - VOC 1 & 2	New proprietary phases	nd	G43 (MEGA-VOC 1)		Application-specific columns developed for Volatile Organic Compounds (OVIs), solvents and purgeable compounds analysis.
MEGA - SOLVE 1 & 2	Proprietary unique phases for complex solvents mixtures separation	nd			Application-specific columns for complex solvents mixtures analysis.
MEGA - Biodiesel	Phases for Biodiesel Analysis	370°C (UNI EN ISO 14105)		UNI EN ISO 14105 (ASTM 6584), UNI EN ISO 14103	Application-specific columns developed for Biodiesel analysis. MEGA-BIODIESEL 105 for triglycerides in biodiesel (UNI EN ISO 14105, ASTM 6584) stable up to 370°C and MEGA-BIODIESEL 103 for FAMES in biodiesel (UNI EN ISO 14103).
MEGA - PAH	Unique phase	340°C		EPA 610/8100	Application-specific column for Polycyclic Aromatic Hydrocarbons.
MEGA - 1 PONA	100% Methyl Polysiloxane optimized for Hydrocarbon Analysis	350°C			Column optimized for DHA (Detailed Hydrocarbons Analysis); equivalent to DB-Petro, HP-Pona, Rtx-1 Pona, Petrocol.
MEGA - TNT 8095	Unique phase	nd		EPA 8095	Application-specific column developed for Explosives analysis (nitroaromatics, nitramines, nitrate esters).

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