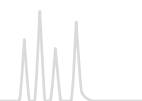




MN column systems



EC standard columns for analytical HPLC / UHPLC



- Analytical column system manufactured from stainless steel M8 outer threads on both ends combination of sealing element and very fine-meshed stainless steel screen, PTFE ring and fitting adaptor column heads SW 12, with inner threads M8 × 0.75 and UNF 10–32 (= 1/16" connection)
- EC column hardware guarantees pressure stability of 1200 bar - hereby EC columns are suitable for UHPLC applications (ultra fast HPLC) and all modern HPLC systems.
- As screw-on guard column system we recommend the Column Protection System used with EC guard column cartridges with 4 mm length.
- EC guard columns supplied with NUCLEODUR®, NUCLEOSIL® spherical silicas and NUCLEOSHELL® spherical core shell silica particles

Available standard dimensions of EC columns

ID	Length → 20 mm	30 mm	50 mm	75 mm	100 mm	125 mm	150 mm	200 mm	250 mm	300 mm
2 mm	+	+	+	+	+	+	+	+	+	+
3 mm	+	+	+	+	+	+	+	+	+	+
4 mm	+	+	+	+	+	+	+	+	+	+
4.6 mm	+	+	+	+	+	+	+	+	+	+

Please ask for availability of certain phases.

Note: NUCLEODUR® and NUCLEOSHELL® column head must not be removed!

Guard columns for EC columns

EC column with ID	EC guard column*
2 mm	4/2
3 mm	4/3
3 mm	4/3
3 mm	4/3

Packs of 3 cartridges

* Information about the Column Protection System on page 259.

For preparative applications MN offers the so-called VarioPrep® hardware system, which is described from page 260 on.

Valco type columns



- Analytical column system manufactured from stainless steel
- Available inner diameters: 4.6 mm ID (1/4" OD) and 7.7 mm (3/8" OD)
- Mainly used for NUCLEOGEN® and NUCLEOGEL® (see page 231)

Description	Pack of	REF
Accessories for Valco type columns		
Guard column holder B for VA columns 5 × 3 mm	1	719539
Guard column holder C for VA guard columns 21 × 4 mm	1	719538