

MACHEREY-NAGEL

NUCLEODUR[®] HPLC columns

UPDATE 2019
DUE TO THE BIG SUCCESS
OF LAST YEAR'S CAMPAIGN

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SPECIAL
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%

Chromatography



Chromatography moves us

- NUCLEODUR[®] C₁₈ Gravity
- NUCLEODUR[®] C₁₈ Gravity-SB
- NUCLEODUR[®] π²



MACHEREY-NAGEL

www.mn-net.com

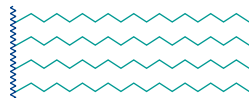


NUCLEODUR® HPLC columns

- Manufacturer-packed HPLC columns based on highest purity silica gel
- Different particle sizes available, e.g., 1.8 µm (UHPLC), 3 µm, 5 µm and larger
- Further modifications, column dimensions and particle sizes on request

NUCLEODUR® C₁₈ Gravity

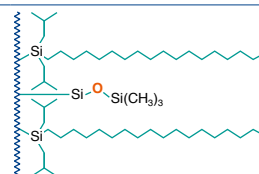
- Suitable for LC/MS and HPLC at pH extremes (pH 1–11)
- Superior base deactivation
- Ideal for method development



EC column length	100 mm	150 mm	250 mm	EC guard column
NUCLEODUR® C ₁₈ Gravity, 5 µm	REF	REF	REF	REF
2 mm ID	760104.20	760103.20	760101.20	761903.20
3 mm ID	760104.30	760103.30	760101.30	761903.30
4 mm ID	760104.40	760103.40	760101.40	761903.30
4.6 mm ID	760104.46	760103.46	760101.46	761903.30

NUCLEODUR® C₁₈ Gravity-SB

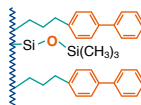
- Hydrophobic C₁₈ phase with distinct polar selectivity, better retention of early eluting substances
- Excellent performance under highly aqueous conditions
- Suitable for LC/MS due to low bleeding characteristics



EC column length	100 mm	150 mm	250 mm	EC guard column
NUCLEODUR® C ₁₈ Gravity-SB, 5 µm	REF	REF	REF	REF
2 mm ID	760616.20	760618.20	760619.20	761992.20
3 mm ID	760616.30	760618.30	760619.30	761992.30
4 mm ID	760616.40	760618.40	760619.40	761992.30
4.6 mm ID	760616.46	760618.46	760619.46	761992.30

NUCLEODUR® π²

- 2 retention mechanisms: π-π interactions and hydrophobic interactions
- Better retention of aromatic and unsaturated substances (USP L11)
- Excellent performance using 100% aqueous mobile phase



EC column length	100 mm	150 mm	250 mm	EC guard column
NUCLEODUR® π ² , 5 µm	REF	REF	REF	REF
2 mm ID	760622.20	760624.20	760625.20	761810.20
3 mm ID	760622.30	760624.30	760625.30	761810.30
4 mm ID	760622.40	760624.40	760625.40	761810.30
4.6 mm ID	760622.46	760624.46	760625.46	761810.30

General information

Eluent in columns: acetonitrile – water

Packaging units: EC columns in pack of 1; guard columns in pack of 3



Column Protection System

All guard columns require the Column Protection System guard column holder REF 718966.



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