

SCIEX offers Eksigent Micro and Nano Columns and Traps for your high-quality separation needs. Columns and traps are offered in 75, 300, and 500  $\mu\text{m}$  inner diameter (ID) sizes and columns lengths vary from 5 to 15 cm.

| Column                                      | Phase                                       | Particle size<br>Pore Sizes                     | Applications  |
|---|---|---|---|
| <b>ChromXP C18</b><br><b>ChromXP C8</b>     | C18 bonded phase<br>C8 bonded phase         | 3 $\mu\text{m}$ , 5 $\mu\text{m}$<br>120Å, 300Å | General chromatography, separation of hydrophobic compounds, separation of biomolecules such as proteins and peptides.  |
| <b>ChromXP C4</b>                           | C4  | 3 $\mu\text{m}$ , 5 $\mu\text{m}$<br>120Å, 300Å | Separation of large biomolecules like proteins and peptides, both in RP and HIC-mode, excellent stability at pH 1.  |
| <b>ChromXP C18EP</b><br><b>ChromXP C8EP</b> | C18 embedded polar<br>C8 embedded polar     | 3 $\mu\text{m}$ , 5 $\mu\text{m}$<br>120Å, 300Å | Enhanced polar selectivity and excellent peak shape for acids and bases, wide range of pH, analysis of strong basic compounds in neutral pH.  |
| <b>ChromXP Phenyl</b>                       | Phenyl RP, fully end-capped                 | 3 $\mu\text{m}$<br>120Å                         | Alternate enhanced selectivity and hydrophobicity to the C18 and C8 phase. For aromatic, polar and acidic compounds.  |
| <b>ChromXP C18-AQ</b>                       | Slightly polar C18,<br>fully end-capped     | 3 $\mu\text{m}$<br>120Å                         | For polar compounds that require high aqueous mobile phase conditions.  |
| <b>ChromXP Amino</b>                        | Amino-propyl bonded<br>phase                | 3 $\mu\text{m}$<br>120Å                         | Used in three modes: non polar mode, reversed phase mode and ion chromatography mode.   |
| <b>ChromXP Si</b>                           | Silica bonded phase                         | 3 $\mu\text{m}$<br>120Å                         | Used in normal phase mode for polar analytes.   |
| <b>HALO C18</b><br><b>HALO C8</b>           | Fused-core particle                         | 2.7 $\mu\text{m}$                               | Excellent performance for a broad range of analyte polarities. Fused-core particles generate significantly less back pressure and allow ultra-high resolution and ultra-fast separations. |
| <b>HALO Phenyl Hexyl</b>                    | Fused-core particle<br>with phenyl-hexyl    | 2.7 $\mu\text{m}$                               | Enhanced retention and selectivity for aromatic and unsaturated analytes. Compatible with highly aqueous mobile phases.   |
| <b>HALO HILIC</b>                           | Fused-core particle<br>with unbonded silica | 2.7 $\mu\text{m}$                               | Can be used in both hilic and normal-phase modes. Enhanced sensitivity and peak shape for LC/MS analysis of basic analytes.   |
| <b>HALO Peptide-ES</b>                      | Fused-core particle                         | 2.7 $\mu\text{m}$                               | Enhanced sensitivity for peptides   |

## MicroLC Columns - 300 µm i.d.

| Part No. | Totally Porous Phase        | Length |
|----------|-----------------------------|--------|
| 5022434  | ChromXP C18, 3 µm 120 Å     | 5 cm   |
| 5022435  | ChromXP C18, 3 µm 120 Å     | 10 cm  |
| 5022436  | ChromXP C18, 3 µm 120 Å     | 15 cm  |
| 5022437  | ChromXP C18, 3 µm 300 Å     | 5 cm   |
| 5022438  | ChromXP C18, 3 µm 300 Å     | 10 cm  |
| 5022439  | ChromXP C18, 3 µm 300 Å     | 15 cm  |
| 5022440  | ChromXP C18, AQ, 3 µm 120 Å | 5 cm   |
| 5022441  | ChromXP C18, AQ, 3 µm 120 Å | 10 cm  |
| 5022442  | ChromXP C18, AQ, 3 µm 120 Å | 15 cm  |
| 5022432  | ChromXP C18, EP, 3 µm 120 Å | 10 cm  |
| 5022433  | ChromXP C18, EP, 3 µm 120 Å | 15 cm  |
| 5022461  | ChromXP C18, EP, 3 µm 300 Å | 5 cm   |
| 5022462  | ChromXP C18, EP, 3 µm 300 Å | 10 cm  |
| 5022463  | ChromXP C18, EP, 3 µm 300 Å | 15 cm  |
| 5022443  | ChromXP C8, EP, 3 µm 120 Å  | 5 cm   |
| 5022444  | ChromXP C8, EP, 3 µm 120 Å  | 10 cm  |
| 5022464  | ChromXP C8, EP, 3 µm 300 Å  | 5 cm   |
| 5022466  | ChromXP C8, EP, 3 µm 300 Å  | 15 cm  |
| 5022446  | ChromXP C8, 3 µm 120 Å      | 5 cm   |
| 5022447  | ChromXP C8, 3 µm 120 Å      | 10 cm  |
| 5022448  | ChromXP C8, 3 µm 120 Å      | 15 cm  |
| 5022449  | ChromXP Phenyl, 3 µm 120 Å  | 5 cm   |
| 5022450  | ChromXP Phenyl, 3 µm 120 Å  | 10 cm  |
| 5022451  | ChromXP Phenyl, 3 µm 120 Å  | 15 cm  |
| 5022452  | ChromXP C4, 3 µm 120 Å      | 5 cm   |
| 5022453  | ChromXP C4, 3 µm 120 Å      | 10 cm  |
| 5022454  | ChromXP C4, 3 µm 120 Å      | 15 cm  |
| 5022458  | ChromXP Amino, 3 µm 120 Å   | 5 cm   |
| 5022459  | ChromXP Amino, 3 µm 120 Å   | 10 cm  |
| 5022460  | ChromXP Amino, 3 µm 120 Å   | 15 cm  |

| Part No.  | Superficially Porous Phase        | Length |
|-----------|-----------------------------------|--------|
| 5022480   | Halo C18, 2.7 µm 90 Å             | 5 cm   |
| 5022481   | Halo C18, 2.7 µm 90 Å             | 10 cm  |
| 5022482   | Halo C18, 2.7 µm 90 Å             | 15 cm  |
| 5030879   | Halo Hilic                        | 5 cm   |
| 5030880   | Halo Hilic                        | 10 cm  |
| 805-05200 | Halo C8, 2.7 µm 90 Å              | 5 cm   |
| 5016990   | Halo Phenyl Hexyl, 2.7µm          | 5 cm   |
| 5039576   | Halo Peptide-ES C18, 2.7 µm 160 Å | 5 cm   |

## MicroLC Columns - 500 µm i.d.

| Part No.  | Totally Porous Phase        | Length |
|-----------|-----------------------------|--------|
| 805-10013 | ChromXP C18, 3 µm 120 Å     | 5 cm   |
| 805-10014 | ChromXP C18, 3 µm 120 Å     | 10 cm  |
| 805-10015 | ChromXP C18, 3 µm 120 Å     | 15 cm  |
| 805-10017 | ChromXP C18, 3 µm 300 Å     | 5 cm   |
| 805-10018 | ChromXP C18, 3 µm 300 Å     | 10 cm  |
| 805-10019 | ChromXP C18, 3 µm 300 Å     | 15 cm  |
| 805-10005 | ChromXP C18, EP, 3 µm 120 Å | 5 cm   |
| 805-10006 | ChromXP C18, EP, 3 µm 120 Å | 10 cm  |
| 805-10007 | ChromXP C18, EP, 3 µm 120 Å | 15 cm  |
| 805-10021 | ChromXP C18, AQ, 3 µm 120 Å | 5 cm   |
| 805-10022 | ChromXP C18, AQ, 3 µm 120 Å | 10 cm  |
| 805-10023 | ChromXP C18, AQ, 3 µm 120 Å | 15 cm  |
| 805-10029 | ChromXP C8, 3 µm 300 Å      | 5 cm   |
| 805-10030 | ChromXP C8, 3 µm 300 Å      | 10 cm  |
| 805-10031 | ChromXP C8, 3 µm 300 Å      | 15 cm  |
| 805-10025 | ChromXP C8, EP, 3 µm 120 Å  | 5 cm   |
| 805-10026 | ChromXP C8, EP, 3 µm 120 Å  | 10 cm  |
| 805-10033 | ChromXP Phenyl, 3 µm 120 Å  | 5 cm   |
| 805-10034 | ChromXP Phenyl, 3 µm 120 Å  | 10 cm  |
| 805-10035 | ChromXP Phenyl, 3 µm 120 Å  | 15 cm  |
| 805-10037 | ChromXP C4, 3 µm 120 Å      | 5 cm   |
| 805-10045 | ChromXP Amino, 3 µm 120 Å   | 5 cm   |
| 805-10046 | ChromXP Amino, 3 µm 120 Å   | 10 cm  |
| 805-10047 | ChromXP Amino, 3 µm 120 Å   | 15 cm  |
| 805-10049 | ChromXP C18, EP, 3 µm 300 Å | 5 cm   |
| 805-10050 | ChromXP C18, EP, 3 µm 300 Å | 10 cm  |
| 805-10051 | ChromXP C18, EP, 3 µm 300 Å | 15 cm  |
| 805-10057 | ChromXP C4, 3 µm 300 Å      | 5 cm   |
| 805-10058 | ChromXP C4, 3 µm 300 Å      | 10 cm  |
| 805-10059 | ChromXP C4, 3 µm 300 Å      | 15 cm  |
| 805-10061 | ChromXP Si, 3 µm, 120 Å     | 5 cm   |
| 805-10062 | ChromXP Si, 3 µm, 120 Å     | 10 cm  |
| 805-10063 | ChromXP Si, 3 µm, 120 Å     | 15 cm  |
| 805-10083 | ChromXP C18, 5 µm 120 Å     | 5 cm   |
| 805-10088 | ChromXP C18, 5 µm 300 Å     | 10 cm  |
| 805-10075 | ChromXP C18, EP, 5 µm 120 Å | 5 cm   |
| 805-10076 | ChromXP C18, EP, 5 µm 120 Å | 10 cm  |
| 805-10077 | ChromXP C18, EP, 5 µm 120 Å | 15 cm  |
| 805-10093 | ChromXP C4, 5 µm 300 Å      | 15 cm  |

## MicroLC Columns - 500 µm i.d. (cont.)

| Part No.  | Superficially Porous Phase        | Length |
|-----------|-----------------------------------|--------|
| 5029773   | Halo C8, 2.7 µm 90 Å              | 10 cm  |
| 805-10100 | Halo C18, 2.7 µm 90 Å             | 5 cm   |
| 805-10101 | Halo C18, 2.7 µm 90 Å             | 10 cm  |
| 805-10102 | Halo C18, 2.7 µm 90 Å             | 15 cm  |
| 5020739   | Halo C8, 2.7 µm 90 Å              | 5 cm   |
| 5030881   | Halo Hilic                        | 5 cm   |
| 5030882   | Halo Hilic                        | 10 cm  |
| 5030878   | Halo Hilic                        | 15 cm  |
| 805-10116 | Halo Phenyl Hexyl, 2.7µm          | 15 cm  |
| 5016991   | Halo Phenyl Hexyl, 2.7µm          | 5 cm   |
| 5039577   | Halo Peptide-ES C18, 2.7 µm 160 Å | 5 cm   |
| 5039579   | Halo Peptide-ES C18, 2.7 µm 160 Å | 10 cm  |

## NanoLC Columns - 75 µm i.d.

| Part No.  | Totally Porous Phase    | Length |
|-----------|-------------------------|--------|
| 805-00120 | ChromXP C18, 3 µm 120 Å | 15 cm  |

## Trap Columns

| Part No.  | Nano Traps                           | Length |
|-----------|--------------------------------------|--------|
| 5016752   | ChromXP C18, 3 µm 120 Å, 350 µm i.d. | 0.5 mm |
| 910-00053 | NanoLC Trap Column Holder            |        |

| Part No. | Micro Traps                               | Length |
|----------|---|--------|
| 5028897  | ChromXP C18CL 5 µm 120A 5/pk, 300 µm i.d. | 10 mm  |
| 5028898  | ChromXP C18CL 5 µm 120A 5/pk, 500 µm i.d. | 10 mm  |
| 5027467  | MicroLC Trap Cartridge Holder             |        |
| 5028658  | MicroLC Guard Column C18                  |        |
| 5028659  | MicroLC Guard Column C8                   |        |

## cHiPLC Traps

| Part No.  | Nano Traps – 200 µm          | Length |
|-----------|------------------------------|--------|
| 804-00006 | ChromXP C18, 3 µm 120 Å      | 0.5 mm |
| 804-00007 | ChromXP C18, 5 µm 120 Å      | 0.5 mm |
| 804-00008 | ChromXP C18, 3 µm 300 Å      | 0.5 mm |
| 804-00009 | ChromXP C18, 5 µm 300 Å      | 0.5 mm |
| 804-00010 | ChromXP C8, 3 µm 120 Å       | 0.5 mm |
| 804-00016 | ReproSil-Pur C18, 3 µm 120 Å | 0.5 mm |
| 804-00019 | ChromXP C4, 5 µm 300 Å       | 0.5 mm |
| 804-00021 | Graphitized Carbon, 3 µm     | 0.5 mm |
| 804-00023 | Halo Hilic                   | 0.5 mm |

| Part No. | Micro Traps – 200 µm         | Length |
|----------|------------------------------|--------|
| 5015841  | ChromXP C18, 3 µm 120Å       | 6 mm   |
| 5020550  | ReproSil-Pur C18, 3 µm 120 Å | 6 mm   |
| 5020551  | Halo C18, 2.7µm 90 Å         | 6 mm   |
| 5020553  | Graphitized Carbon, 3 µm     | 6 mm   |
| 5020554  | Halo Hilic                   | 6 mm   |

## cHiPLC Columns

| Part No.  | Nano Columns – 75 µm          | Length |
|-----------|-------------------------------|--------|
| 804-00001 | ChromXP C18, 3 µm 120 Å       | 15 cm  |
| 804-00002 | ChromXP C18, 5 µm 120 Å       | 15 cm  |
| 804-00003 | ChromXP C18, 3 µm 300 Å       | 15 cm  |
| 804-00004 | ChromXP C18, 5 µm 300 Å       | 15 cm  |
| 804-00005 | ChromXP C8, 3 µm 120 Å        | 15 cm  |
| 804-00011 | ReproSil-Pur C18, 3 µm 120 Å  | 15 cm  |
| 804-00018 | ChromXP C4, 5 µm 300 Å        | 15 cm  |
| 804-00020 | Graphitized Carbon 3 µm 250 Å | 15 cm  |
| 804-00022 | Halo Hilic                    | 15 cm  |

| Part No. | Micro Columns – 200 µm       | Length |
|----------|------------------------------|--------|
| 5015839  | ChromXP C18, 3µm 120 Å       | 5 cm   |
| 5015840  | ChromXP C18, 3µm 120 Å       | 15 cm  |
| 5020544  | Halo C18, 2.7µm 90 Å         | 5 cm   |
| 5020548  | Halo Hilic                   | 15 cm  |
| 5020547  | Graphitized Carbon, 3 µm     | 15 cm  |
| 5020543  | ChromXP C4, 5 µm 300 Å       | 5 cm   |
| 5020545  | ReproSil-Pur C18, 3 µm 120 Å | 5 cm   |
| 5020549  | ReproSil-Pur C18, 3 µm 120 Å | 15 cm  |
| 5017027  | ChromXP C4, 5 µm 300 Å       | 15 cm  |

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