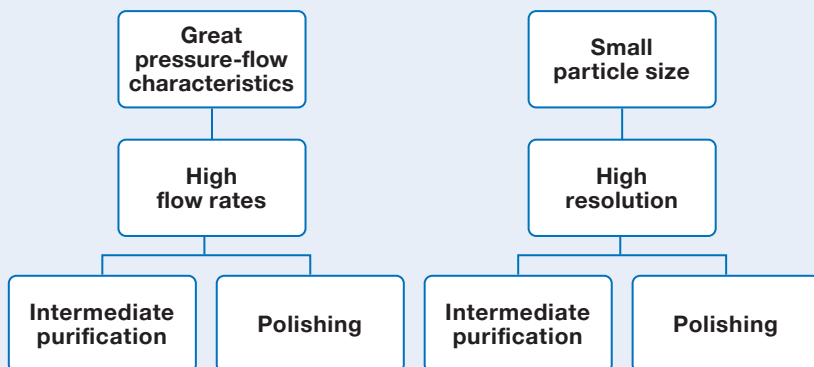


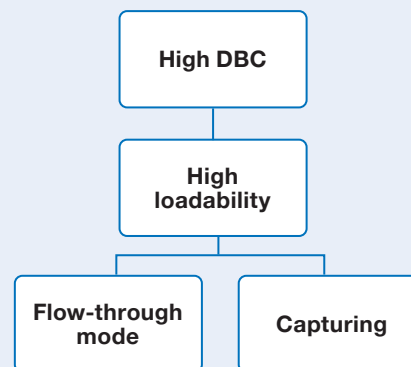


Antibodies and Proteins

BioPro IEX SmartSep 10, 20, 30 μm



BioPro IEX 75 μm



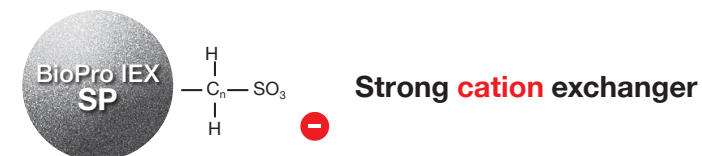
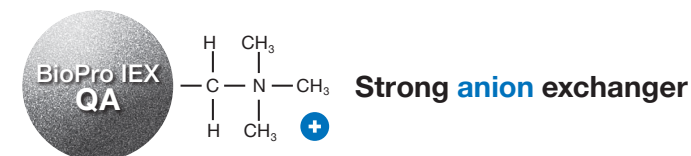
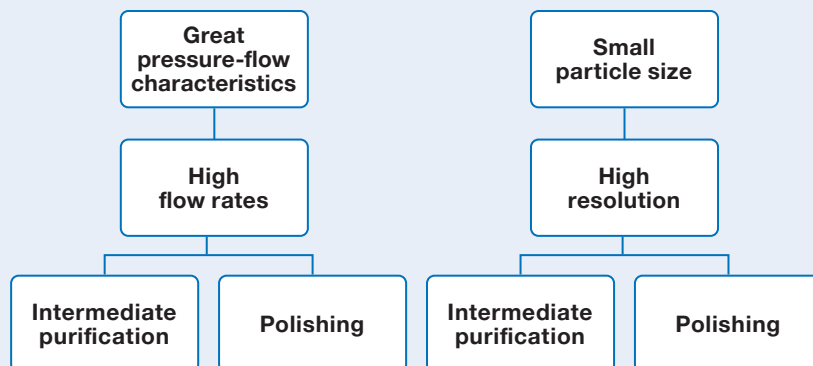
Your Advantages

- ✓ High dynamic binding capacity
- ✓ Great pressure-flow characteristics
- ✓ CIP stable for more than 100 cycles with 1 M NaOH
- ✓ Full scalability over all particle sizes (10, 20, 30, 75 μm)
- ✓ Short delivery for industrial-scale quantities
- ✓ Extensive regulatory support



Oligonucleotides and Nucleic Acids

BioPro IEX SmartSep 10, 20, 30 μm





Specifications

| BioPro IEX Series | BioPro IEX SmartSep Q10 | BioPro IEX SmartSep Q20 | BioPro IEX SmartSep Q30 | BioPro IEX Q75 | BioPro IEX SmartSep S10 | BioPro IEX SmartSep S20 | BioPro IEX SmartSep S30 | BioPro IEX S75 |
|--------------------------|---|--------------------------------------|-------------------------|--------------------------------|--------------------------------------|--------------------------------------|-------------------------|-------------------------------------|
| Ion Exchange Type | strong anion exchanger | | | | strong cation exchanger | | | |
| Charged Group | -R-N ⁺ (CH ₃) ₃ | | | | -R-SO ₃ ⁻ | | | |
| Matrix | hydrophilic polymer beads | | | | | | | |
| Pore Size | porous | | | | | | | |
| pH Range | 2–12 | | | | | | | |
| Compression Factor | 1.05–1.15 | | | | | | | |
| Particle Size | 10 μm | 20 μm | 30 μm | 75 μm | 10 μm | 20 μm | 30 μm | 75 μm |
| Pressure Resistance | regular use: 3 MPa max.: 4 MPa | regular use: 2 MPa max.: 3 MPa | | 0.3 MPa | regular use: 3 MPa max.: 4 MPa | regular use: 2 MPa max.: 3 MPa | | 0.3 MPa |
| Typical Flow Rate | 200–1000 cm/h max. 2000 cm/h | | | | | | | |
| Ion Exchange Capacity | min. 0.08 meq/ mL-resin | | | min. 0.10 meq/ mL-resin | min. 0.08 meq/ mL-resin | | | min. 0.10 meq/ mL-resin |
| Dynamic Binding Capacity | min. 100 mg/ mL-resin (BSA) | | | min. 160 mg/ mL-resin (BSA) | min. 100 mg/ mL-resin (lysozyme) | | | min. 160 mg/ mL-resin (lysozyme) |
| Temperature | 4–60 °C | | | 4–40 °C | 4–60 °C | | | 4–40 °C |

Available pack sizes: 50 mL, 250 mL, 1 L, 5 L, 10 L and 20 L

Sample Options

Screening kits

- 1 mL or 5 mL
- Single format or mixed format



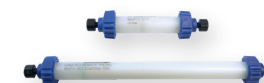
Bulk samples

- For self-packing



Pre-packed columns

- MiniChrom™ columns with different dimensions and volumes



PEEK columns

- 50 x 4.6 mm ID
- 100 x 4.6 mm ID



RoboColumns®



Get your sample now!