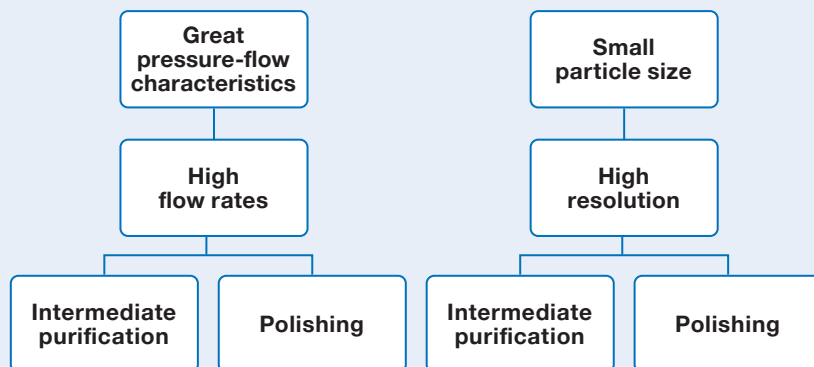


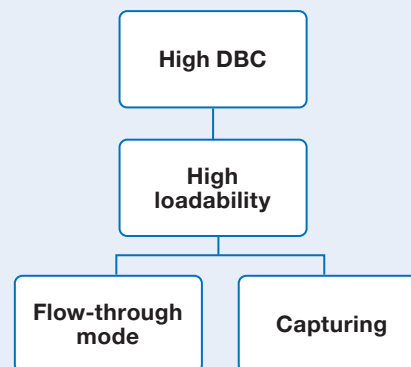


Antibodies and Proteins

BioPro IEX SmartSep 10, 20, 30 μm



BioPro IEX 75 μm



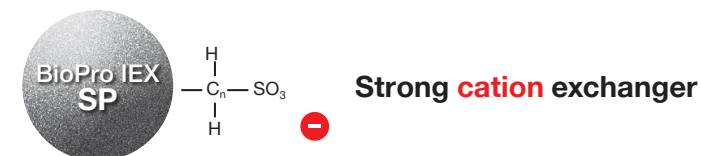
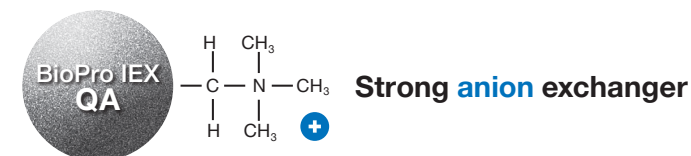
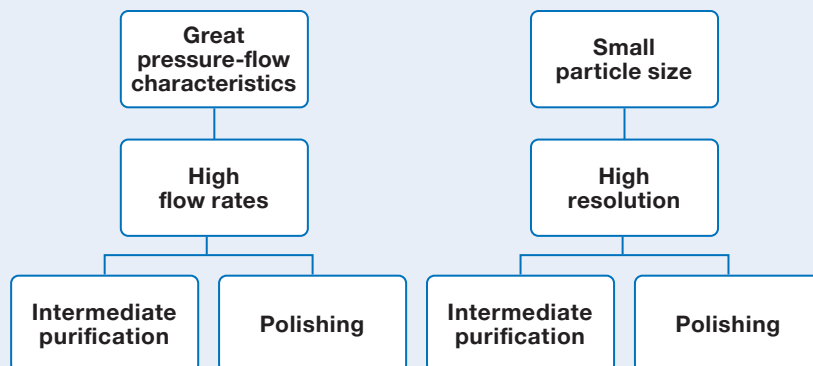
Your Advantages

- ✓ 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



Selection Tool for the BioPro IEX Resins



YMC

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

For more information have a look at the BioPro IEX brochure or get in touch with

Julia Bartmann

Product Manager Preparative Chromatography

Phone +49 2064 427–557

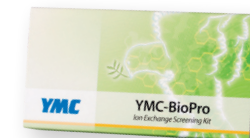
Email support@ymc.eu



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!