

Imtakt

Innovative chromatography columns for every application



PM Separations

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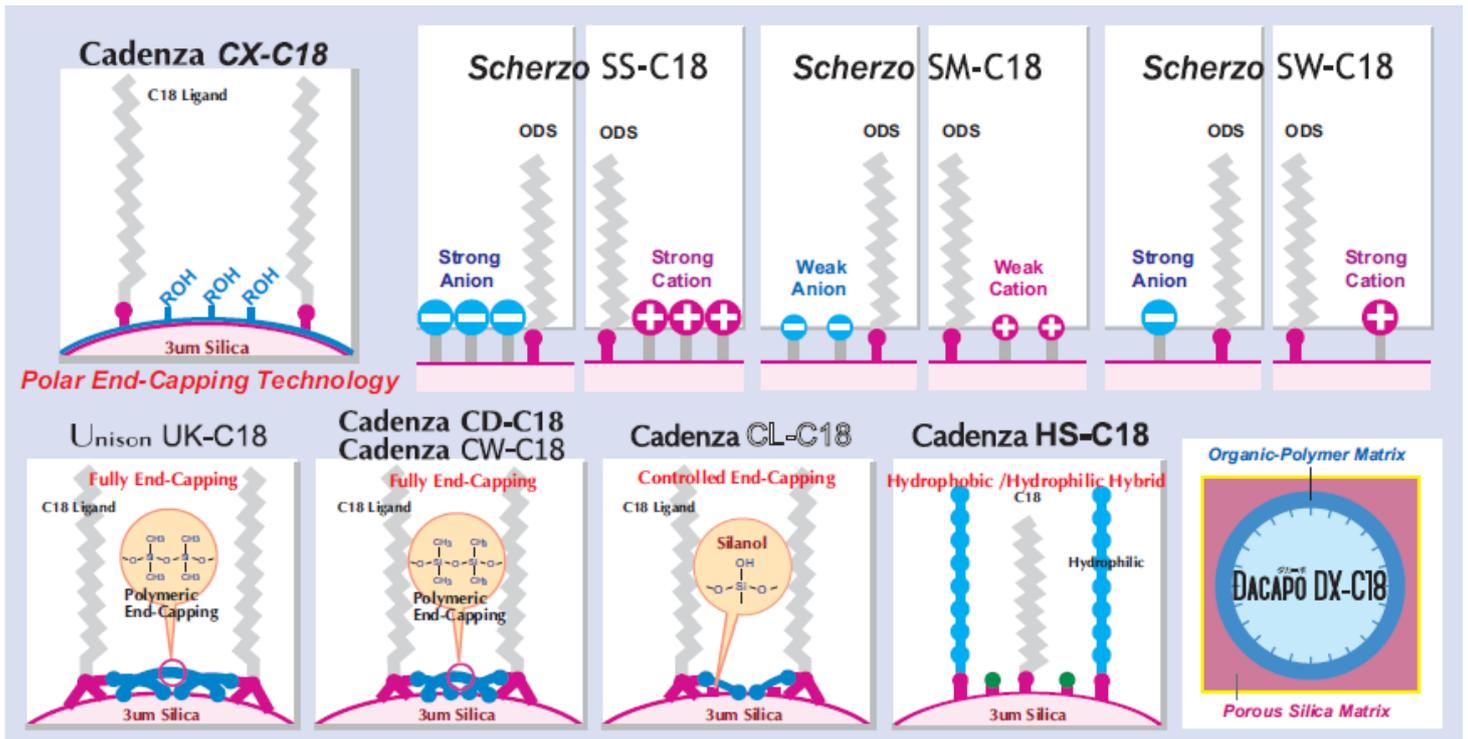
Product Line Overview

STATIONARY PHASE	DESCRIPTION	PRODUCTS
CADENZA	<p>The Cadenza family of columns is a high-quality series of octadecyl silica (ODS) columns with a ligand density optimized for steric selectivity.</p> <p>These powerful columns can distinguish subtle differences in your analytes making it an excellent choice for isomer separation, or detection of impurities.</p> <p>These columns have low back pressure due to the high quality of materials used in their manufacturing.</p> <p>With a unique polymeric end-capping these columns will also provide very little unwanted secondary interactions and better peak shape.</p>	Cadenza CD-C18
		Cadenza 5CD-C18
		Cadenza CW-C18
		Cadenza CL-C18
		Cadenza HS-C18
		Cadenza CX-C18
		Cadenza 2CX-C28
UNISON	<p>A wide range of high-quality reverse phase and normal phase columns.</p> <p>Low carbon C1 columns have been used for decades as alternative selectivity columns to the use of traditional C18s or when analyzing highly hydrophobic compounds that have too much retention on a C18 column.</p> <p>The weak attachment of a single carbon to the silica surface, has often been a weak point for these columns, making them vulnerable to degradation especially under acidic conditions, such as the use of TFA-containing mobile phases.</p> <p>Our Unison UK-C1 column was developed to address this weakness, utilizing ligand stabilizing techniques we developed in other columns such as the Scherzo or Intrada series.</p> <p>This proprietary process has resulted in the most stable C1 column on the market for use in acidic conditions.</p>	Unison UK-C1
		Unison US-C1
		Unison UK-C18
		Unison US-C18
		Unison UK-C8
		Unison US-C8
		Unison UK-Phenyl
		Unison UK-Silica
		Unison UK-Amino
SCHERZO	<p>World's first ODS column with Anion and Cation Exchange. Low amount of strong ionic ligands, effective for strong ionic compounds.</p> <p>The Scherzo family of columns is one of the most unique and versatile series of columns on the market today.</p> <p>These multi-mode columns utilize reversed phase, cation and anion exchange, as well as normal phase modes all on the same column, virtually eliminating the need for ion-pairing reagents.</p> <p>Ideal for the simultaneous analysis of polar and non-polar analytes from vitamins, to metabolomics saving time and resources.</p>	Scherzo SW-C18
		Scherzo SM-C18
		Scherzo SS-C18

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<p>INTRADA</p>	<p>The Intrada series of columns are designed primarily for biologics.</p> <p>With a growing trend toward the use of peptides and proteins in pharmaceutical and other therapeutics, the Intrada family of columns is designed to address the chromatographic needs of these researchers.</p> <p>Whether you are looking to separate proteins, peptides or amino acids, the Intrada Series of columns has a solution for you.</p>	<p>Intrada WP-RP</p> <p>Intrada Amino Acid</p> <p>Intrada SEC</p> <p>Intrada Organic Acid</p>
<p>PRESTO</p>	<p>This is the world's first 2μ non-porous column.</p> <p>This extremely efficient material works very well for separation of large molecules like polymers, surfactants, protein and even DNA.</p> <p>It has a wide effective analysis range from 5kDa to 50 MDa. Since it does not have any pores, there is essentially no band broadening due to mass transfer effect and no size limit for the compounds that it can retain.</p> <p>We believe so strongly in the value of non-porous columns that we intend to develop an entire line of non-porous columns in the future.</p>	<p>Presto FF-C18</p>
<p>DACAPO</p>	<p>Dacapo DX-C18 is one of the most innovative columns that we have created.</p> <p>This 2.5μm particle is manufactured by Imtakt and uses our Dual-Matrix Technology, which is a monumental advancement in column design.</p> <p>Other columns boast surface treatments that extend pH stability, but there is not anything else out there like Dacapo.</p> <p>All our columns use a polymeric end-capping, which is already a step above other so-called high pH columns, but with Dacapo, we have taken that concept to the extreme.</p> <p>In addition to our polymeric end-capping, Dual-Matrix Technology then adds several polymer layers on top of that, making this the best high pH C18 available today.</p>	<p>Dacapo DX-C18</p>

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Other Products

- Metal Free Columns
- UHPLC Columns
- Preparative Columns
- Guard Columns
- 10mm Long Ultra-High-Speed Column