



## UP TO 180 GPM, 300 PSI, ULTRA-CLEAN "HYGIENIC" SERIES

The ultimate hygienic rotary positive displacement pump designed without compromise to fulfill even the most critical customer demands in cleanability, sterilizeability and bacterial tightness. This 316L stainless steel design uses bi-wing or 5-lobe rotor designs specifically utilized to achieve the very lowest shear rate and product degradation characteristics. The Ultima pump is an extension of Jabsco's world renowned 55 series pump which was the first pump of its kind and a virtual industry standard in the bio-pharm arena.

- Up to 300 PSI
- Up to 180 GPM
- 316L stainless construction
- 1 to 1 million CP viscosity
- Bi-wing & 5 lobe rotors
- EPDM, Viton & PTFE elastomers
- Multiple seal options
- U.S. & European ports available

### OPTIONS

#### ● SEALS

**Front loaded single mechanical face type seals** of hygienic design. Materials include carbon and silicon carbide.

**Low pressure flushed seals** utilize the same single mechanical seal with an additional housing. A low pressure flush liquid washes away crystallizing products or liquids which 'skin over'.

**Double mechanical seals** utilizing all the components from single seals. Used for hazardous, toxic, highly abrasive, or sterile products.

#### ● CONNECTIONS

U.S. and European standards including Tri-Clamp. All pumps available with 2 different sizes.

#### ● ELASTOMERS

EPDM, Viton & PTFE product contact joints in compounds conforming to the FDA CFR title 21 section 177.2600.

#### ● OTHER OPTIONS

Aseptic barrier end cover joints to maintain sterility of product during long cycle times.

Electropolish or high polish internal surfaces to 0.5µm Ra (240grit) for minimized cell damage and maximized cleanability.



PUMP MODEL	55 SERIES			ULTIMA					
	55210	55320	55420	LU42	LU44	LU52	LU54	LU62	LU64
Port Size (inch)	1/2	3/4	1	1	1 1/2	1 1/2	2	2, 2 1/2 or 3	3 or 4
Displacement gal/ 100 rev	0.28	0.77	1.77	3.2	5.4	7	12	16.8	75
Maximum Flow U.S. GPM	4.2	11.6	17.7	32	54	67	115	121	180
Maximum Pressure PSI	200	300	300	215	115	215	115	215	115
Maximum Speed (RPM)	1500	1500	1000	1000	1000	960	960	720	720
Dimensions LxWxH inches	8x5x5	10x6x7	12x7x8	11x9x9	12x9x9	15x10x10	16x10x10	18x13x13	19x13x13
Weight (bareshaft) lbs.	17	41	57	51	55	83	89	153	165
Temperature °F	-22 to 284			-22 to 284					
Viscosity cP	1 to 1 million			1 to 1 million					

**FOR ENGINEERING AND PUMP SELECTION ASSISTANCE CALL DEPCO AT 1-800-446-1656**