



Key Factors by Solenoid Pump Technology

External Gear Internal Gear Rotary Vane Peristaltic Solenoid

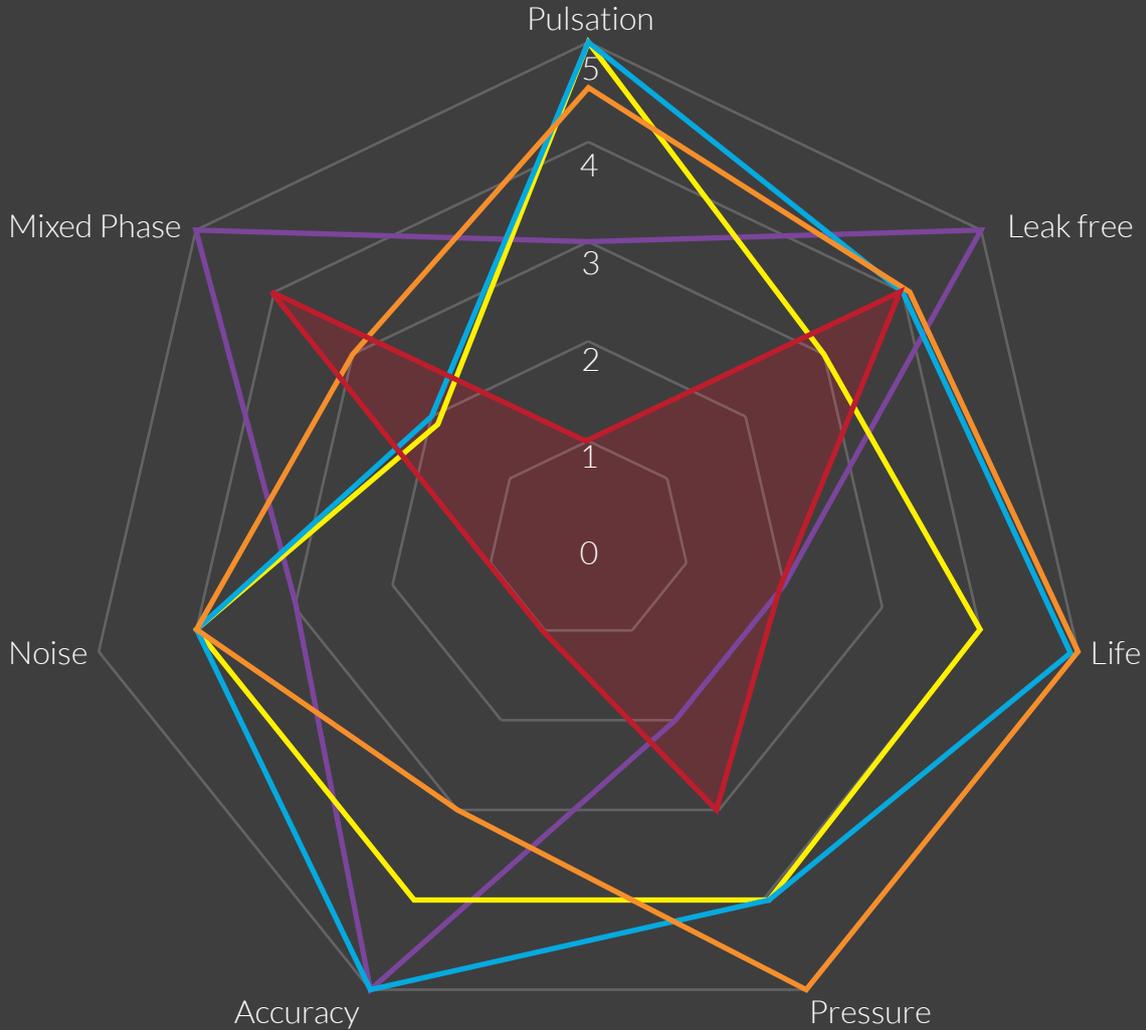


Chart showing the key characteristics of Fluid-o-Tech pumps and the relative capabilities of the different technologies. The higher the score, the better the capability.

	Pulsation	Sealing	Life	Pressure	Accuracy	Noise	Mixed Phase
1	1 per revolution/stroke	Sliding O ring	<100 hours	< 1 Bar	>2%	Loudest	Not possible
2	2 per revolution/stroke	Rotating O ring	<2000 hours	< 4 Bar	2,0%		
3	3 per revolution/stroke	Mechanical seal	<5000 hours	< 7 Bar	1,0%		Possible with care
4	>3 per revolution	Static Seal	<10000 hours	< 10 Bar	0,5%		
5	No measureable pulsation*	Contiguous form	>10000 hours	> 10 Bar	> 0,1%	Quietest	No issues

*Depends on motor speed and circuit design