



LEVITRONIX®
PUMP SYSTEMS

**THE FASTEST
AND SAFEST
DEPTH
FILTRATION**



ACCELERATE YOUR PROCESS WITH ADDITIONAL SAFETY GAIN

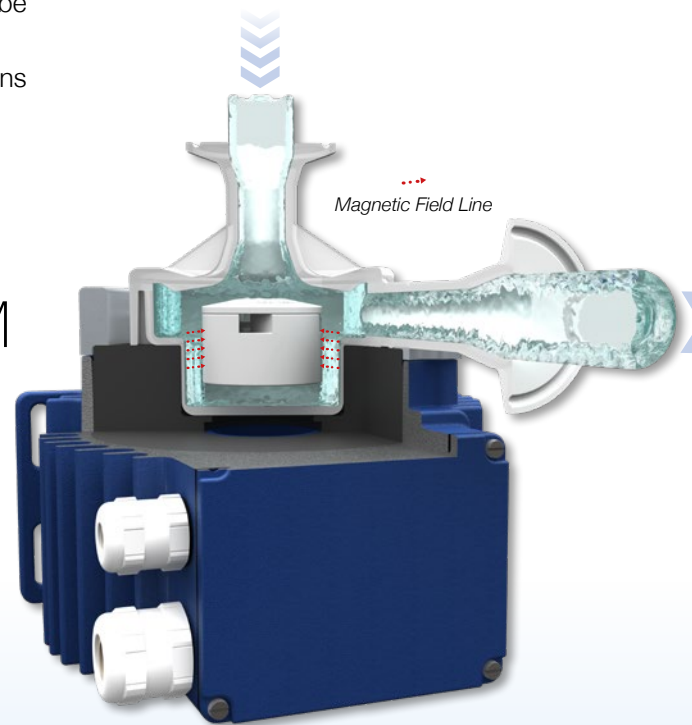
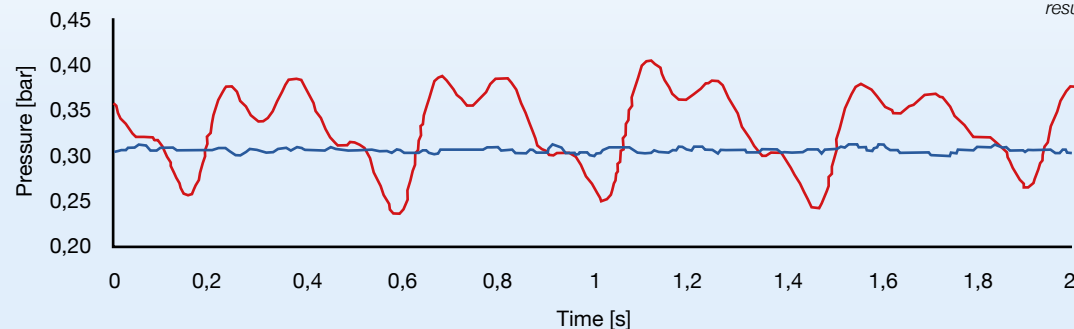
Depth Filtration processes require a pump system that can handle liquid at the highest speed. Conventional pump systems such as peristaltic pumps generate a pulsating flow leading to a slow and periodic discharge of liquid. Additionally, these systems bear the risk of a catastrophic tube rupture due to a possible pressure build up.

Levitronix® pump systems are designed for depth filtration applications where a high flow ensures the fastest and safest possible process.

ADVANTAGES OF A LEVITRONIX® PUMP SYSTEM

Completely Pulsation Free Flow // fastest transfer

Levitronix® pump systems are the only pumps in biopharma that deliver a pulsation free flow, independent of actual flow or pressure. A continuous discharge of liquid allows to transfer liquid at maximum possible speed.



The magnetic levitation allows high rpm resulting in continuous, large flows.

— Levitronix®
— Peristaltic pump

Pulsation of a peristaltic pump in comparison to a Levitronix® pump system at 4 l/min and 0.3 bar.

Intrinsically Safe //

keep your product and staff safe -
no more pressure build-up
or tube ruptures

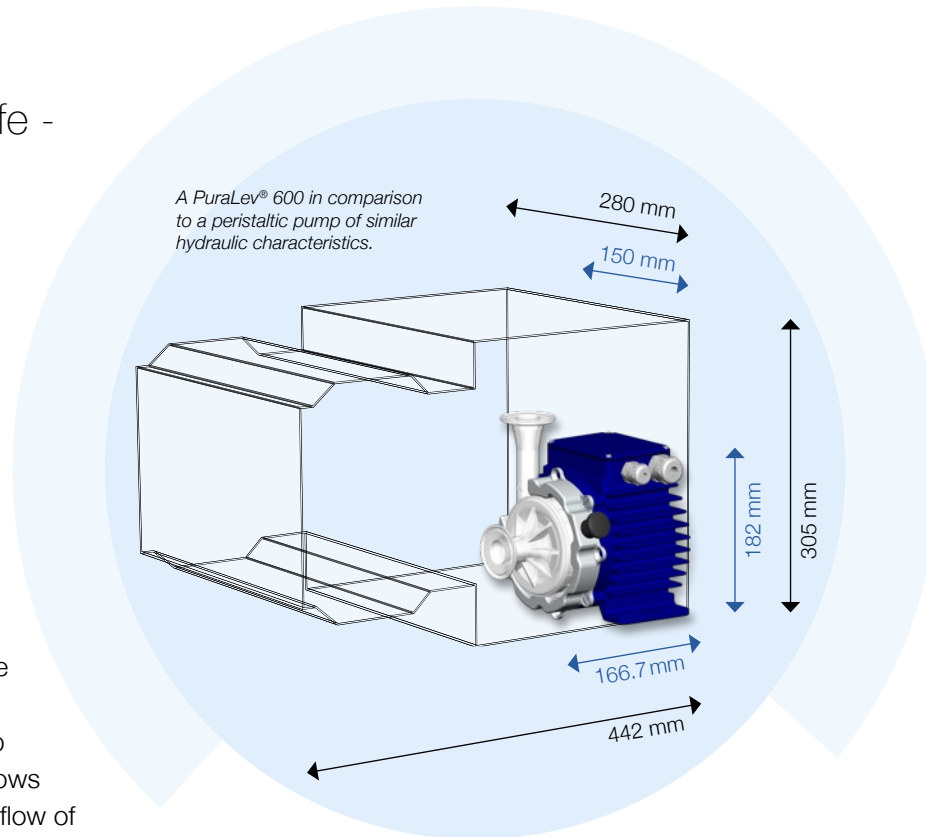
Set and limit the maximum pressure according
to your tubing specifications and you will be
assured that your media is safe no matter
what occurs in your hydraulic flow path.

Smallest Footprint //

save valuable space

All Levitronix® pump systems have a far smaller
footprint than competitive pumps of comparable
hydraulic performance.

Even at extremely high flows, Levitronix pump
systems always have a small footprint which allows
for installations in confined areas. The constant flow of
these systems also eliminates any noise generation or
vibration that could affect your process.



Ideal for Continuous Processing //

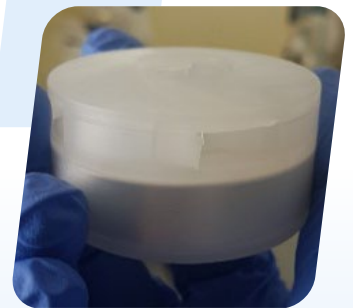
no wear out of moving parts –
virtually no limitation in lifetime

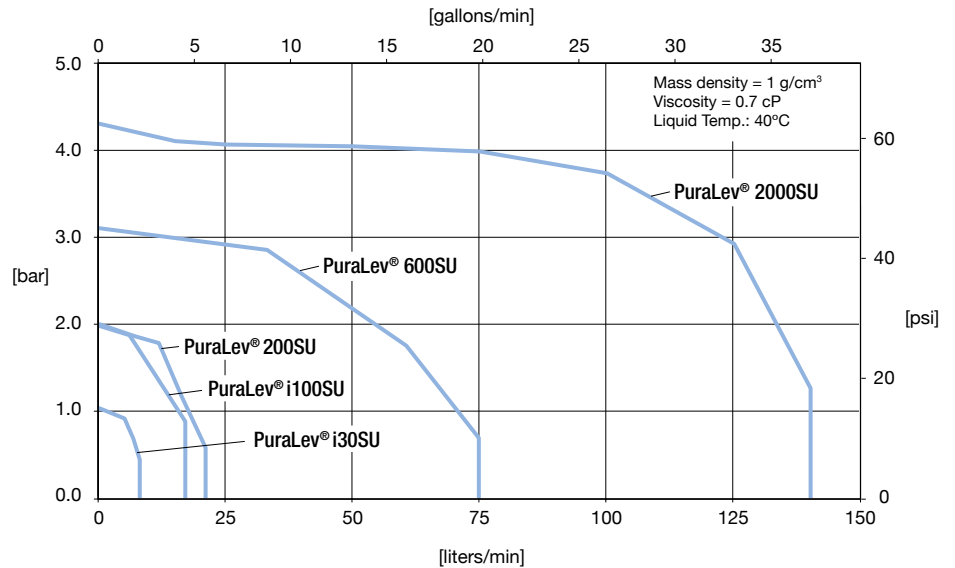
There are no tubes, diaphragms or valves to wear out
leading to virtually no limitation in life time or drift in
pump performance.

Highest Turn Down Ratio //

one pump size for various transfer
applications

Levitronix® pumps have the highest turn down ratio by
being able to control the flow from a few ml/min up to
the maximum flow rate.





Overview // SU Pump Systems



PuraLev® i30SU

Max. Pressure 1.0 bar (14.5 psi)
Max. Flow 7.7 l/min (2.0 gpm)



PuraLev® i100SU

2.0 bar (29 psi)
17 l/min (4.5 gpm)



PuraLev® 200SU

2.0 bar (29 psi)
21 l/min (5.5 gpm)



PuraLev® 600SU

3.1 bar (45 psi)
75 l/min (20 gpm)



PuraLev® 2000SU

4.3 bar (62.4 psi)
140 l/min (37 gpm)



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