

AccuVol
Investor
Pitch Deck

Mar., '26



Intentions

Generating significant sales growth and profit margins in a mature industry by deploying patented innovations, digital sensing, simplified manufacturing delivering 10x precision over better ranges across a wide range of sectors including pharmaceutical, chemical, food, adhesive and paint and potentially medical device industries.

Targeting a 20x RoI;

after Five Years

on a 750,000 investment

for 10% post money

Based on;

10 x Market precision

Lower manufacturing cost

Longer life cycle

Global patent protection

Generating;

200% pa growth over 5 yrs

7.5mln GBP EBITDA @ yr5

25x capital growth



Positive Displacement Pump Market

Global Positive Displacement (PD) pump market is worth 4-7 Bln USD annually.

Compound Annual Growth Rate is forecast at between 5-7 % pa.

Sales and manufacturing are spread equally across the Americas, Europe and Asia with 30 companies active in the market.

No specific type; large specialists, main divisions of major companies, niche entities.

Conservatism and reputational inertia are the only significant barriers to entry.

Accuvol has had discussion with a range of entities with active market experience.

All suggest that the market will be open to an improved pump such as Accuvol expects to offer.



Current Technology

Uses optical encoder

- requires a 'dry space' which
- requires a super precise seal

Delivers, according to industry technical specification,

- sub 1% Coefficient of Variance (precision/accuracy measurement)
- over speeds from 300 to 3500 rpm

Does not accurately control pumping at low and start speeds



AccuVol Innovations

AccuVol uses a digital magnetic sensor to measure pumping. The sensor has a higher sensitivity than the optoelectronics allowing for tighter control.

AccuVol places the sensor outside of the pump cavity obviating the need for the expensive seal.

AccuVol uses a patented control process that delivers three/two times current precision benchmarks from the first turn of the pumps.

Combined, AccuVol offers a more precise pump from the first turn at a lower cost.

These statements are confirmed under externally reviewed testing, advanced simulations and actual costings.

Accuvol Patents

AccuVol's primary patent has been granted in the UK, EU, US, China and India.

AccVol has a second patent filed under PST in the UK.

AccuVol has a third patent in late stage of preparation.

MAGP001GB	GB2541031B	Granted
MAGP001EP	EP332122B1	Granted
MAGP001CN	CN108138767A	Granted
MAGP001US1	US17132314 CIP	Granted
MAGP001IN	IN2018 1700 7362	Granted



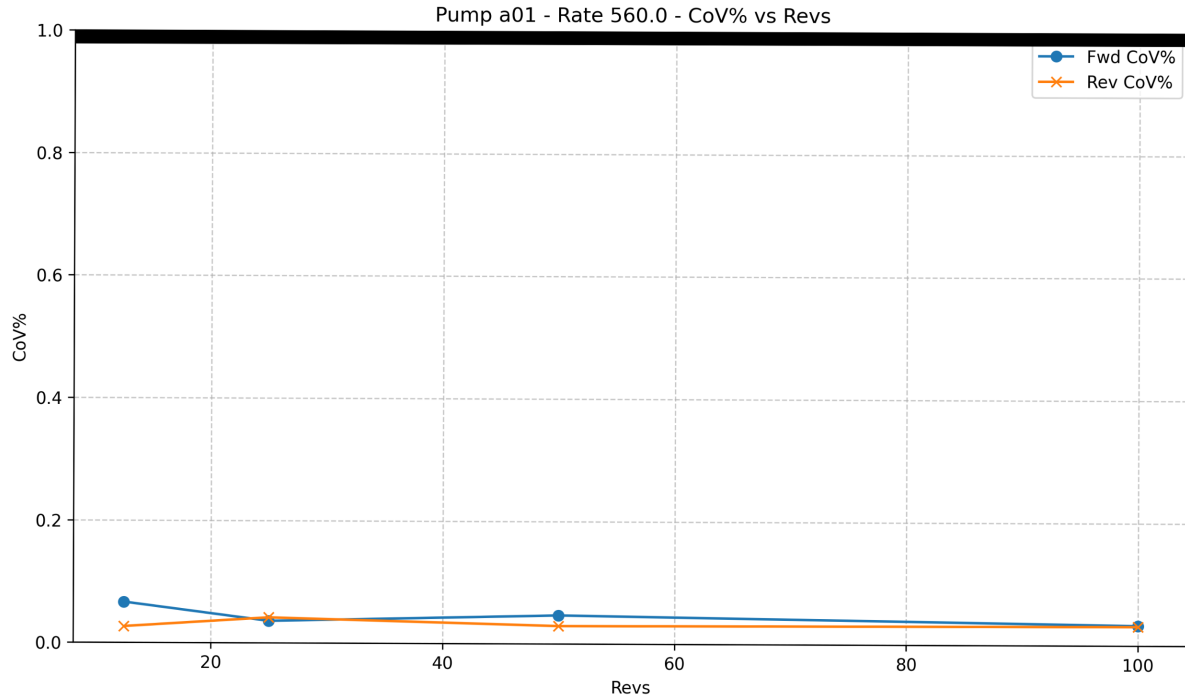
Accuvol Situation

We have

- settled on a design and manufacturing process for a preproduction prototype
- identified a complete range of suppliers and process partner companies
- completed a sophisticated external review and simulation of the design
- completed an initial manufacturing test run of core parts
- completed its assembly process and machinery
- fully completed the patent process globally for our 1st patent
- Built and tested a small pre-production batch of MVP pumps



Sample Test Performance



The 1% CoV topline is the main cited industry benchmark. We are at least 5x better from the very first turns of the pump.

This image shows a typical result from our own, externally vetted, test suite on our MVP pump. We are happy submit our pumps to external testing.



AccuVol Ambition

AccuVol will have PD pumps that will have, compared to current models;

- better precision and accuracy
- better longevity
- lower purchase cost

due to

- having fewer & simpler moving parts
- the use of digital sensors

AccuVol knows that;

- its cost of materials is low compared to competitors,
- its sensors are more precise,
- longevity is designed in from the outset.



AccuVol 'Go To Market' Strategy

We are looking for both investment and industry partners.

The immediate tasks include:

- establishing a sales and marketing team
- establishing a manufacturing base and solid supplier networks
- researching miniaturisation via high precision injection moulded plastics
- optimising pump materials for the food, pharmaceutical & chemical industries

AccuVol will offer a significant equity stake to secure this investment.

AccuVol expects positive cashflow within 2 yrs & high capital growth at yr 5

The proposed program requires an initial investment of £0.75 million.



Competitors & Characteristics

- HNPMicro
 - JONSN
 - Diener
 - Suofu
 - Fluid-o-tech
 - Iwaki
- CoV of 1% or +/- 0.5%
 - **Accuvol has 0.10%**
 - CoV cited from 300 RpM
 - **Accuvol is accurate at 10 RpM**
 - Purchase cost is lower
 - **Simplified design**
 - **Digital sensing**



Accuvol Risk Analysis

Micron precise manufacturing is not new but it is hard.

This is Accuvol's first time doing this though all of our manufacturing partners work to this standard constantly. Accuvol's 'design error stack' is 75 microns (millionths of a metre, width of a human hair).

This level of accuracy and precision is required to minimise seepage across the pump parts so as to be able to deal with a wide range of pressure differentials across the pump.



Accuvol Details

- Accuvol is the trade mark of Magpumps Ltd.,
an English registered company, No 9491366
- Magpumps Ltd. is wholly privately owned and carries no net debt
- The founders are Leo Dearden & Arthur Doohan
- Ian Grigg is an angel investor and board member
- BASCK are the patent agents
- Mr S Macdonald of Malvern is its accountant

Email 'arthur@accuvol.com' for further information

