Revolution Fibres

AGL

THE NEXT NANOFIBRE REVOLUTION!

Revolution Fibres

Certified System

AS9100
Aerospace

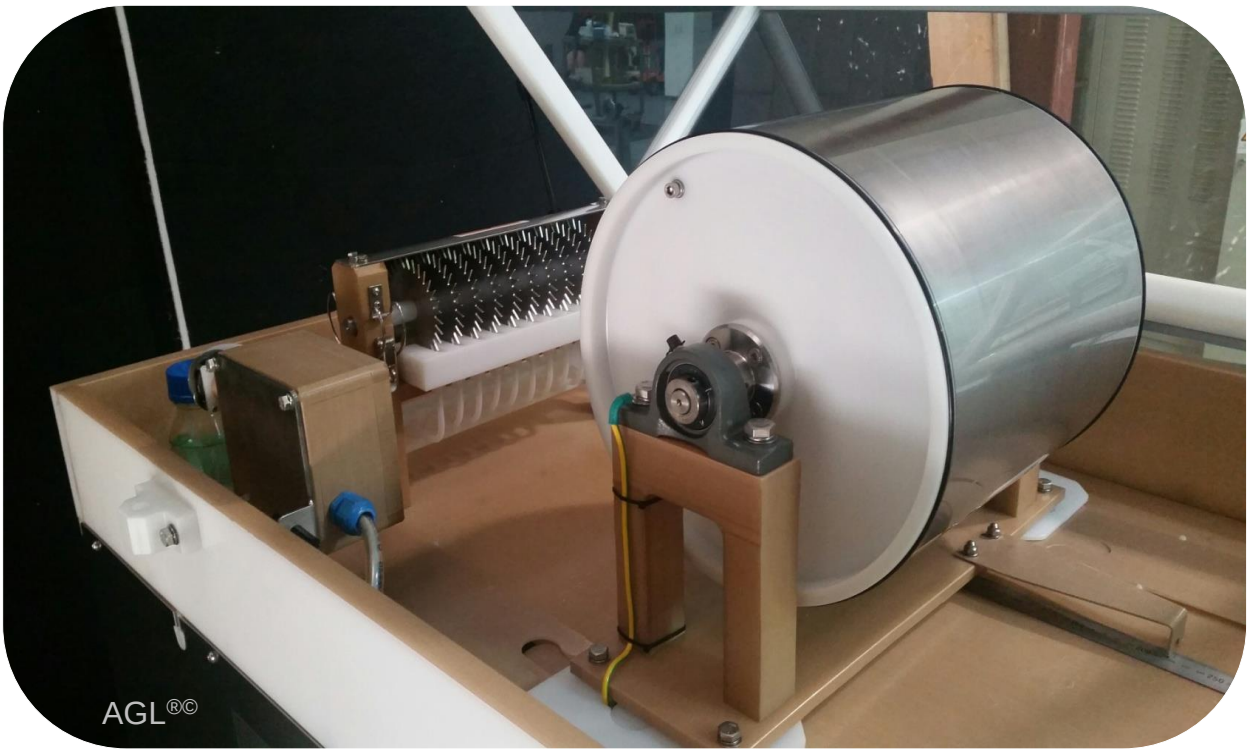
WINNER INNOVATORS
NEW ZEALAND AWARDS 2012

TechConnect
Innovation Award

FINALIST OF THE
NZ HI-TECH AWARDS
2016

THE REVOLUTION EVOLUTION

The AGL(Agile) Electrospinning Platform



The cost-effective platform for nanofibre customisation

Revolution Fibres Ltd. is pleased to announce the recent release of a customisable lab-scale electrospinning platform, the AGL (Agile) Electrospinner. Designed to bolster the agility of nanofibre-enhanced R&D and product-development initiatives, the AGL is a multi-functional testbed suitable for prototyping a range of both aligned and non-aligned electrospun nanofibres. The AGL Platform represents a component of the broader client experience of Revolution Fibres' stage-gated Nanofibre Customisation Services (NCS), a series of services aimed at overcoming the barriers inherent in nanofibre innovation and commercialisation.

RevolutionFibres
Extraordinary Nanofibre Ingenious Solutions

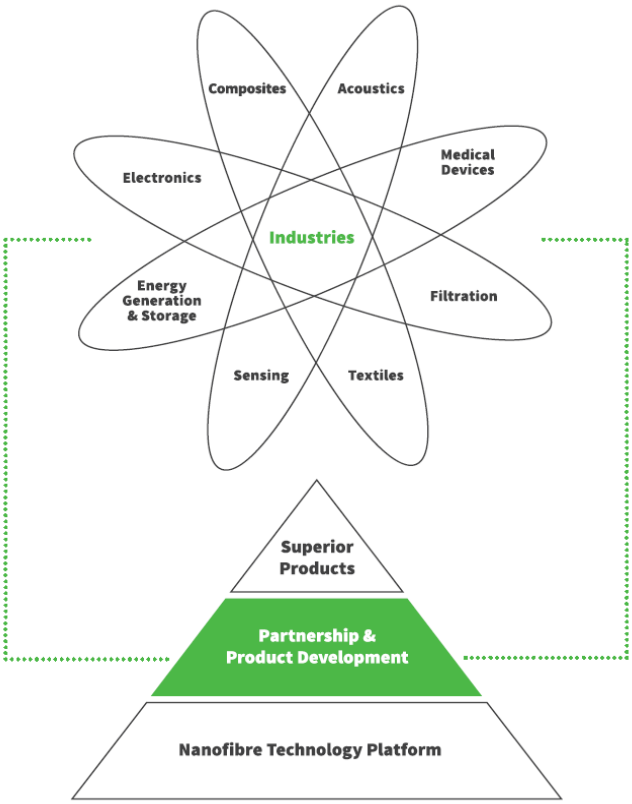
AGL® -A Revolutionary Co-Development Experience

Nanofibre invention has largely been restricted to lab-scale experimentation with commercial production primarily occurring in the air filtration and battery separator industries. The upscale and commercialisation of nanofibre invention outside these traditional areas is dominated by electrospinning machine manufacturers who construct standardised machines despite the widely varied requirements of specific applications within the breadth of nanofibre platform technology. The restrictions of standardized machines cut down on the full realisation of applications of unique nanofibre materials.

Revolution Fibres differs from existing machine manufacturers through its focus on the customisation and scalability of nanofibre production methods. The AGL is an example of this as it was specifically developed for a partner seeking a suitable machine for the upscale of their needle-electrospinning. They required aligned and non-aligned nanofibre using solvent-polymer combinations which could not be serviced by existing lab-scale machines.

The AGL machine is designed for experimentation with a broad suite of operating parameters and is made with materials compatible with the widest range of solvents and polymers available on the market. The AGL platform is also compatible with Revolution Fibres' proprietary Sonic Electrospinning manufacturing technologies so that when you buy into an AGL Electrospinner you are also buying into the opportunity to partner with Revolution Fibres on the upscale and industrial-scale manufacture of your innovative nanofibre materials.

Why Revolution Fibres?



An evolving cost-effective partner for evolving R&D partnerships

Revolution Fibres bridges the gap between nanofibre research and commercialisation. We focus in on the unique requirements of specific applications of nanofibre, pairing our award-winning Nanofibre Customisation Services with our manufacturer's ethos of being as cost-effective and practical as possible. We tailor our machines and services to fit in with your technical specifications and CAPEX budgets.

The scale and cost of nanofibre manufacture represents innovation risk, a factor we address through the stage-gated nature of our services. We seek to work with partners to help them facilitate their own in-house nanofibre testing and prototyping capabilities via the AGL platform.

We complement R&D goals of clients via our Nanofibre Customisation Services to further customise and upscale innovations through pilot-scale and industrial manufacture on our in-house Chameleon and Komodo platforms. Revolution Fibres also offers manufacturing services and is working with various partners on designing and building tailored industrial-scale manufacturing machine for off-site production lines.

JOIN THE NANOFIBRE REVOLUTION

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