



**Modernise your Disinfection
Procedures with Hydra and
Solvic®**

The status quo



Organisations are now under pressure to ensure they are clean and compliant. With the rise of the Covid-19 pandemic many workforces have had to improve cleaning standards to ensure the safety of staff and customers.

Infection control continues to be in the spotlight due to the coronavirus pandemic, while antimicrobial resistance remains one of the greatest health challenges of our time. Encouragingly, there is greater recognition of the need for regular decontamination of surfaces and air.

However, the existing standard for area disinfection is outdated, expensive and time-consuming. It puts rooms out of action for up to a day at a time and requires specialist training in dealing with hazardous chemicals.

Now, there is a better option.

Who we are?



Formed in 2020, the company is named for Metis, Greek mythology's Titan-goddess of good counsel, planning and wisdom. Our goals are to:

- Advance knowledge and innovation of improved options for disinfection and environmental hygiene.
- Modernise public safety by challenging current standards with innovative new disinfection solutions.
- Improve public care by reducing downtime for disinfection and therefore waiting times in contaminated facilities.
- Reduce the risk to public of being exposed to harmful microorganisms.

Why choose us?



As a team, we have more than 50 years' collective experience in the infection prevention and control arena. We understand the challenges you face and we're passionate about finding and providing innovative new solutions to help you deliver excellent standards in patient safety and care.

That's why, like you, we're always pushing for better, faster, more cost-effective ways of achieving optimum results in infection prevention.



A new solution

Our solution enables faster, simpler disinfection at a significantly reduced cost. We believe it will be the future standard for area decontamination.

How does it work?



The Hydra misting system uses Solvic[®], our stabilised aqueous hypochlorous acid (HOCl) misting solution. A portable all-in-one misting machine, it is simple to operate and achieves identical results to other disinfection procedures in a fraction of the time.

Faster

Faster cycle than other systems: As little as 15 minutes start to finish.

Simpler

Simpler to use: All-in-one portable solution, easy for any single user to operate.

Highly Cost Effective

Highly cost effective compared to alternatives like HPV, delivering comparable results faster and at a fraction of the cost.

Ph Neutral

pH neutral unlike other disinfectants: Solvic[®] is non-sensitising and non-irritating to skin, so there's no need for PPE.

Effective

Effective even against resistant pathogens: Proven to deliver log6 reduction - a 99.9999% elimination rate. Independently tested with repeatable, consistent results.

No Clinical Resistance

No evidence of clinical resistance from any class of biological pathogen according to the [World Health Organization \(WHO\)](#).



Solvic® is a powerful disinfection solution that is effective against a wide range of human pathogens, including Covid-19. Despite being over 300 times more powerful than bleach, it is as gentle as water and approved in some countries for use as an acne treatment, as well as in eye and oral healthcare.

The active ingredient in Solvic® is hypochlorous acid (HOCl), a natural compound produced by human neutrophils as part of the body's immune system. It comes with no hazard warnings and has been dermatologically tested and proven non-sensitising and non-irritating to skin. This means there is no need for PPE when using the product.

Hydra is a portable disinfection misting system, exclusively designed for use with Solvic®.

The double nozzles use Venturi atomisation to disperse Solvic into the air at around 60ml per minute. The process of wheeling the unit into an area and waiting for the cycle to complete will be familiar, but Hydra is much quicker to achieve the same end goal than alternatives like HPV systems.

How does it work?

1. Place Hydra in a corner, 1m from the wall with nozzles diagonal to target area.
2. Calculate disinfection time needed based on room size and level of contamination.
3. Refer to guidelines and set the disinfection time on the electronic control panel.
4. Press start and leave the room after 10 seconds.
5. In as little as 15 minutes disinfection is complete.
6. The area is safe to enter and use immediately.



Case Studies

The data on Solvic[®] shows that it acts rapidly and effectively to reduce bioburden.

Solvic[®] has a certified kill rate of 60 seconds, although in additional trials it has been proven to work in under 10 seconds.

Trial report: Misting Solvic to reduce bioburden on a range of surfaces

What: Does misting Solvic in a cleaned and disinfected area reduce bioburden on surfaces?

Where: General wards/HDU in a community hospital, acute hospital and district general hospital, NHS Health Board.

Outcome: Cleaning is thorough and effective. However, misting Solvic confers additional microbial reductions on surfaces, especially those that may have been missed or re-contaminated.



Managed disinfection service



Our managed disinfection service makes Hydra and Solvic[®] available to benefit a range of sectors including residential care homes and other care settings, food production, hospitality and catering, education, transport and many more.

We make it as easy as possible for you to contract our team to complete the disinfection process on your behalf. So, if you don't have the budget to invest in the solution right now, would like to see the benefits before committing to buy, or simply don't require its use that often, this service means faster, simpler disinfection is still accessible.

As you know, the type and frequency of disinfection a space requires depends on what activities are carried out in it and the extent of contamination. A standard schedule might consist of two visits per month throughout a year-long contract, but we can tailor your plan to your specific needs.

Our team can provide the training your staff need to use Hydra and Solvic[®] effectively. Initial training takes around one hour. This session can be delivered on-site, or online, and is included in the upfront cost of the solution.

In-person training is for groups of up to 10, whereas online you can include as many team members as you like. Attendees do not need to be specialised members of staff but should be those who are assigned responsibility for using the solution day-to-day. They will be awarded a CPD certificate on completion of the training.

Refresher training is available on-site or online at a modest additional cost. We recommend a refresher course every 1-2 years, but you can choose when to book.

Organisations we work with



Enquire Now



To find out more about Solvic[®] and Hydra, including how to purchase, visit our website or call us today.

www.metis-health.com

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