Press information

For immediate release

**See essential oil mist extraction from Filtermist at EMO 2023**

*19th July 2023*: UK oil mist collectors manufacturer [Filtermist](http://www.filtermist.com) will be showcasing its world renowned centrifugal oil mist filtration system, which was recently re-launched complete with a high efficiency afterfilter to ensure even cleaner air, at [EMO 2023](https://emo-hannover.de/en).

And brand new for the 2023 show, Filtermist will be introducing an additional feature for this range - the new **F Monitor Essential** monitoring device.

Visitors to the [Absolent Air Care Group](https://eur02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.absolentgroup.com%2F&data=05%7C01%7CLydia.Barber%40filtermist.com%7Cd3d652894a5a44c4a11f08db885c78f8%7C6a4b222aef0a4e3280a83d493720509a%7C0%7C0%7C638253702971086159%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=MvsBB4B%2F7%2BqITJ1VUUCsxMs2X0oLyfGddQ8n7W6%2BLb8%3D&reserved=0) booth (**F41 in Hall 6**) will be able to see a working prototype of the new product which has been designed to offer all Filtermist oil mist collector users a simple way to ensure their unit is working properly – providing peace of mind that employees are protected from exposure to harmful airborne oil mist particles.

F Monitor Essential monitors the airflow of the unit using velocity pressure readings. A blinking green light indicates that the airflow is at least 80% of the calibrated rate specified at the time of commissioning. If the light turns amber it means airflow has dropped to between 50% and 80% of the required flow indicating that the Filtermist unit needs attention, whilst red means a reduction in airflow to below 50% of the calibrated rate which could indicate a blockage, or the Filtermist unit needs servicing.

The new monitor is powered by two standard AA batteries so they can easily be replaced – ideally annually, or in line with regular servicing intervals. The device remembers the settings parameters when the batteries are replaced so the operator does not need to reset the device. If at any time the operator wishes to test the monitoring device is working, there is a physical button on the front of the unit which can be pressed to run a test.

F Monitor Essential, which attaches to the machine tool via rear mounted magnets, easily connects to the Filtermist unit with no electrical connection required. A QR code printed on the front of the monitor directs users to a dedicated web page where the user guide and an installation and set-up film can be accessed.

**Filtermist CEO James Stansfield** comments, “We already have an advanced bluetooth controlled monitor that measures airflow, time, temperature & vibration - our new Essential model goes back to basics and only monitors airflow, which is what most customers want to be able to easily check.

“The product has been designed with simplicity in mind – from the AA batteries which can easily be replaced, to the magnetic mounts which make it easy to position and see, and the traffic light display which can be viewed from across the machine shop. The fact that no electrician is needed to install the monitor makes it much easier for customers to use than our earlier models. No data is stored so there are no data security issues; the whole project has been approached from a ‘how can we make this as easy for the customer as possible?’ perspective. We are confident that this new monitor will be well-received by our customers around the world.”

As well as the new monitor, Filtermist will also be showing one of its brand-new [horizontal inlet plenum mounting options](https://eur02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.filtermist.com%2Fnews%2Fpost%2F2023%2F06%2F12%2Fnew-horizontal-mounting-option-added-to-filtermist-s-product-range&data=05%7C01%7CLydia.Barber%40filtermist.com%7Cd3d652894a5a44c4a11f08db885c78f8%7C6a4b222aef0a4e3280a83d493720509a%7C0%7C0%7C638253702971086159%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=ZOvqPBYbb6sWvg2yUAw3unlxmUMLP3J2BMyXSwYaP7A%3D&reserved=0), as well as a stainless steel ‘cut-away’ unit designed to show visitors the internal workings of the Filtermist oil mist collector.

**James** continues, “These additional features enable Filtermist to provide a package of oil mist solutions usually associated with much more expensive extraction systems, but at the affordable prices we are renowned for.”

Filtermist will be exhibiting alongside sister company Absolent AB which will be launching its brand new ‘A•erity’ range of premium filters at the show – find out more about A•erity by visiting [Absolent’s website](https://eur02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fabsolent.com%2Fchooseaerity%2F&data=05%7C01%7CLydia.Barber%40filtermist.com%7Cd3d652894a5a44c4a11f08db885c78f8%7C6a4b222aef0a4e3280a83d493720509a%7C0%7C0%7C638253702971086159%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=G2gtXVSzNA%2BdLiZpP10zYIE7r5jAF79WKKqj2bci4J4%3D&reserved=0).

Please visit the Filtermist team in booth **F41, Hall 6** from the 18th – 23rd September at the Hannover Messe exhibition ground, or contact your local Filtermist distributor to discuss how Filtermist can ensure the air in your machine shop is clean and safe to breathe.

Find out more by visiting [www.filtermist.com](http://www.filtermist.com).

**Ends://**

**Image (l-r)** Robert Sobolewski, Handlowiec of Marcosta; Chris Harper, Business Development Manager Filtermist & Ryszard Starzec, General Manager of Marcosta

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**Editors’ notes**

Filtermist’s ethos is to protect people by ensuring cleaner, safer, more productive workshops.

Established in the UK in 1969, Filtermist manufactures a range of compact, quiet and efficient oil mist collectors which are trusted by world leading manufacturers to effectively remove oil and coolant mist, fume and steam from workshop air.

Oil mist is created by machine tools spraying high pressure oils and coolants onto metal components to keep them cool during manufacturing operations including milling, drilling, turning and grinding. Exposure to airborne oil mist particles can cause a number of occupational diseases including skin conditions, respiratory problems and even cancer. It can also pose a fire and slip risk, and can damage sensitive electrical equipment if left in the atmosphere.

Filtermist oil mist collectors use centrifugal force to separate oil mist particles from the air – clean oil drains back to the machine for re-use or collection, and clean air is returned to the workshop.

Filtermist offers local support in more than 60 countries worldwide through a network of approved distributors and Absolent Air Care Group subsidiaries in Europe, UK and Ireland, APAC and EMEA.

Visit [www.filtermist.com](http://www.filtermist.com) for more details.

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