



Manufacturing Forward

**MEDMF SERIES
WIRE ELECTRIC DISCHARGE
MACHINE FILTERS**

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mikropor

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Mikropor began its journey in 1987 with a passion to create "Tomorrow's Technology" and has become one of the leading manufacturers of atmospheric air filtration solutions and compressed air treatment systems for a variety of industries.

By closely following the latest developments in technology, Mikropor's "Best in Class" products and solutions are appreciated by customers in more than 100 countries.

The company's sustainable growth has been provided by its passion for innovation and commitment to quality, as well as its dedication to technology. Mikropor is an environmentally conscious company that values people, while developing products that extend the needs and expectations of customers.

With this mission, Mikropor continues to become one of the most recognized brands in the world by expanding its global penetration in the field of technological filtration and contributes to a healthier planet.

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WIRE ELECTRIC DISCHARGE MACHINE FILTERS

One of the crucial component for higher efficiency of the electric discharge machines are filters. The filters clean the particles that enter the water during cutting, ensuring efficient and continuous operation of the machine. In the cutting process of the Wire Electric Discharge Machine (WEDM), tiny particles are mixed into the water. If the particles in the water are not filtered and separated, they circulate in the system and may cause wear and blockages in machine parts over time. As a result, clogging occurs in parts such as valves and pumps. Disruptions and drops in pressure occur in automatic wire insertion. It is imperative that the water of the machine remains clean and the filter performs for this process successfully. MEDMF Series filters prevent machine wear in the long term and extends the lifetime of machine. The filters can be used without any problems in all metal cutting, including steel, aluminum, stainless steel, and copper.



The dimensions and water connection types change as per WEDM machine which are Makino, Sodick, AgieCharmilles, Mitsubishi, Fanuc, SPM, Chmer etc.

Features and Benefits

- Standard and premium model options
- Designed for all Wire Electric Discharge Machines
- Low pressure drop
- Efficient filtration up to the range of 1 - 3 microns
- High dust holding capacity in the range of 1 - 3 micron
- High corrosion resistance
- Long service life
- Easy-to-replace with holding part
- Ability to withstand up to 4 bar pressure
- Rigid media with hot-melt spacer
- Better performance
- Rapid cutting speed ability
- Increased surface quality and machine performance

Technical Specification

Model	Min. Burst Pressure (barg)	Max. Working Temperature (°C)	Nominal Operating Pressure (barg)	Nominal Operating Temperature (°C)	Connection	Height (mm)	Length (mm)
MEDMF-300-500-3-4	3.5	80	4	25	G 3/4"	520	Ø300
MEDMF-340-450-46	3.5	80	4	25	Ø46 mm	430	Ø340
MEDMF-340-300-46	3.5	80	4	25	Ø46 mm	450	Ø340
MEDMF-340-450-3-4	3.5	80	4	25	G 3/4"	450	Ø340
MEDMF-340-300-3-4	3.5	80	4	25	G 3/4"	300	Ø344

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