

DEMAGNETIZATION

Some materials retain a relatively high amount of magnetism after exposure to a magnetic field. To eliminate this, the component must be demagnetized by an alternating magnetic field, which is gradually reduced to zero. Our demagnetizers are used for this operation as they can efficiently eliminate the residual magnetism in various materials and workpieces of various dimensions.

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Table demagnetizer DM

Also suitable as part of a production line, for example under a conveyor belt

Different sizes of demagnetiser working area according to your needs



The working area can be increased by using multiple demagnetisers side by side

When to choose a DM table demagnetizer:

We recommend using the DM table demagnetizer everywhere, where quick and simple demagnetization of tools and both flat and small cylindrical components is needed. The device is suitable not only for manual demagnetization, but it can also be very easily integrated into a production line, for example, under a conveyor belt.

APPLICATION



Demagnetization

TECHNOLOGY



Electro

WORKPIECE DIMENSION



max. 400 x 280 mm

DUTY CYCLE



20%

HEIGHT OF DEMAG. FIELD



up to 40 mm

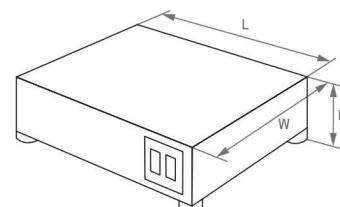
Other important parameters:

Power supply: 230 VAC/50 Hz

Use:

- + manual demagnetization of tools, dies, bearings, and other cylindrical and flat components
- + demagnetization under a conveyor belt on a production line
- + possibility of putting several demagnetizers side by side to create a larger working area

Catalog number	W (mm)	L (mm)	H (mm)	Weight (kg)
DM3	250	180	87	8,7
DM4	280	266	87	12,6
DM5	400	306	87	17,6








Hand demagnetizer HD



When to choose a HD handheld demagnetizer:

You can use the HD handheld demagnetizer during mobile demagnetization of large or complex components where you cannot use table or tunnel demagnetizers, such as moulds, bearings, and various machine and mechanical parts, etc. It is an efficient tool where quick and mobile demagnetization is needed.

APPLICATION	TECHNOLOGY	VOLTAGE	DUTY CYCLE	DEPTH OF DEMAG. FIELD
 Demagnetization	 Electro	 230 VAC	 20%	 up to D0 mm

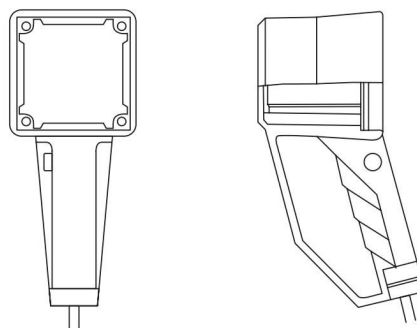
Other important parameters:

Operating time:	10 min.
Power supply:	230 VAC/50-60 Hz (other voltages available on request)

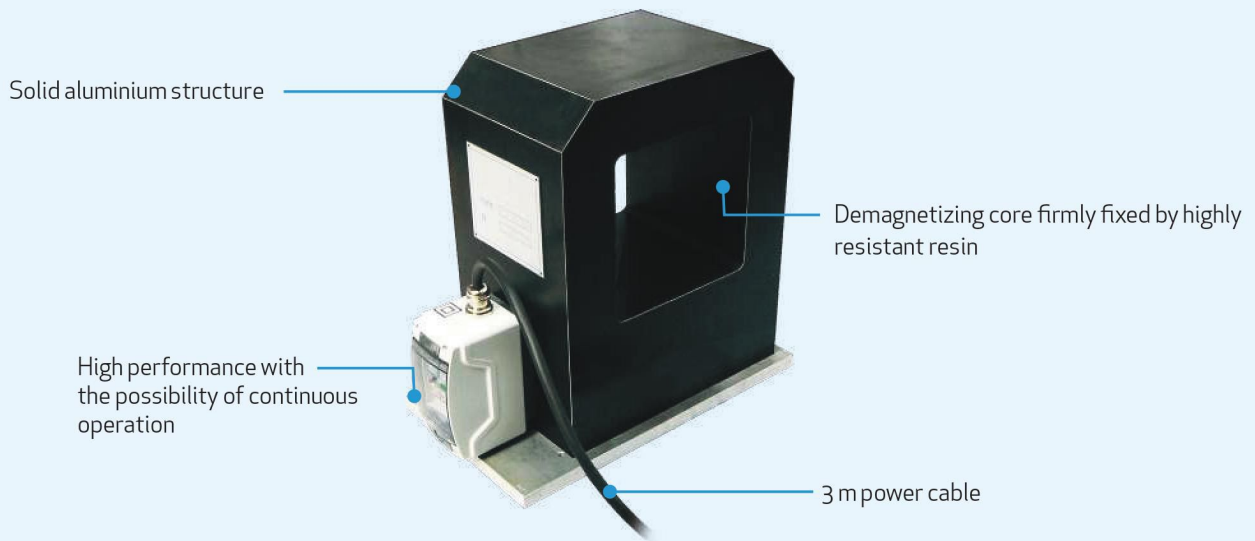
Use:

- + fast mobile demagnetization of small and large as well as complex parts

Catalog number	Active area (mm)	Power input (VA)	Depth of demag. field (mm)	Weight (kg)
HD2	105 x 95	350	max. 40	2,2



Tunnel demagnetizer TDM



When to choose a TDM tunnel demagnetizer:

Tunnel demagnetizers are designed for the demagnetization of large components with a block or square shape or for bulk demagnetization of thin-walled components. The dimensions of the component should be similar to those of the tunnel opening. They are designed for continuous operation, so they can be used in industrial production with belt or roller conveyors.

APPLICATION	TECHNOLOGY	VOLTAGE	DUTY CYCLE	POWER CABLE
 Demagnetization	 Electro	 400/230 VAC	 100%	 3 m

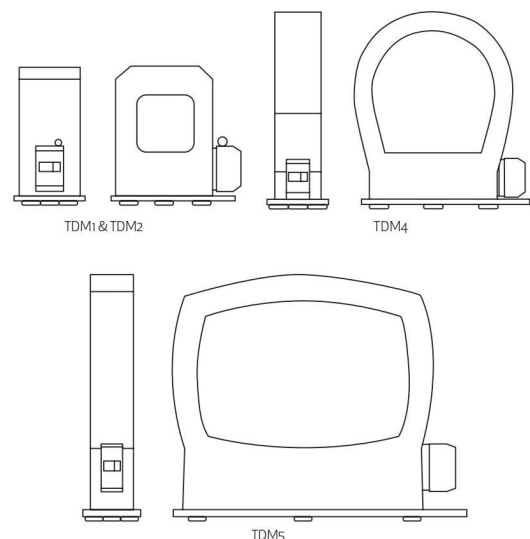
Important parameters:

Application:	Demagnetization
Technology:	Electromagnet
Working cycle:	100%
Power supply:	400/230 VAC (optional)
Power cable:	3 m

Use:

- + demagnetization of large parts, workpieces, and components of various shapes
- + suitable for continuous operation

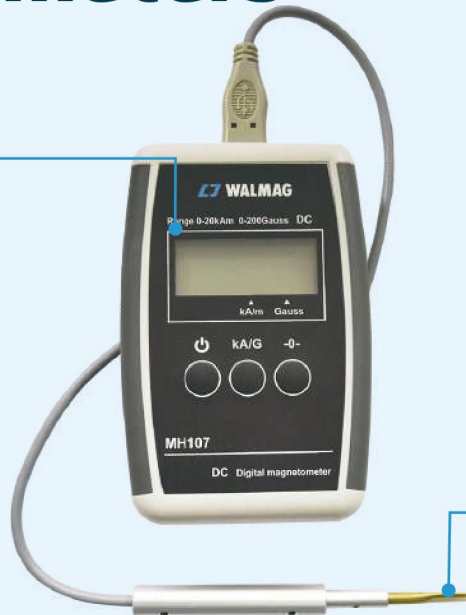
Catalog number	Opening size (mm)	Voltage (VAC/Hz)
TDM1 230	180 x 180	230/50
TDM1 400	180 x 180	400/50
TDM2 230	255 x 255	230/50
TDM2 400	255 x 255	400/50
TDM4 230	460 x 465	230/50
TDM4 400	460 x 465	400/50
TDM5 230	600 x 420	230/50
TDM5 400	600 x 420	400/50



It can be delivered with a customised conveyor belt on request.

Magnetism meters

Display output in G (Gauss) or kA (kiloAmps), depending on the type of meter



Probe for better accessibility during measurements

When to choose a digital residual magnetism meter:

The digital mobile meter is used to measure residual magnetism in workpieces and parts where magnetic clamping or a belt magnet has been used for handling. It is also suitable for measuring the magnetic properties of materials or the magnetic flux of motors. Everyday measuring will be facilitated by this practical probe for better measuring availability with its high capacity battery and battery life of up to 160 hours.

APPLICATION	TECHNOLOGY	BATTERY LIFE	MEASURING RANGE	UNITS
 Magnetism measuring tool	 Electro/battery	 up to 160 hrs.	 up to 199,9 G	kA/G kA/G

Other important parameters:

Battery life: 130 - 160 hours
Range: 0-199,9 mT

Use:

- + measuring residual magnetism
- + measuring the properties of magnetic materials

Catalog number	W (mm)	L (mm)	H (mm)	Measurement range (G)
MH-107	79	119	24	0-199,9

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