

Model KMDE STATIC TYPE DEMAGNETIZER

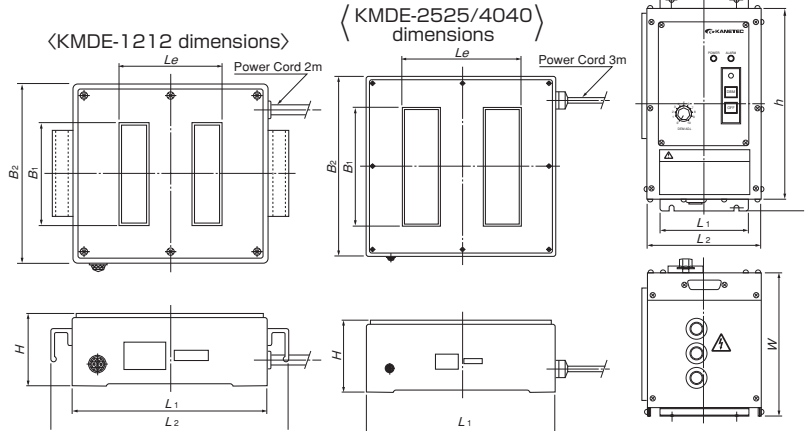
MAGNETIC TOOLS FOR WELDING OPERATION
LIFTING MAGNET
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CHIP & SLUDGE TRANSPORTERS EQUIPMENT
ENVIRONMENTAL DEMAGNETIZERS AND MAGNETIZERS FOR TRANSPORTATION
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SEPARATORS
HIGH GRADE MAGNETIC TOOLS
MEASURING INSTRUMENTS
MAGNETIC MATERIALS



EHD-W205A



KMDE-1212



A larger special demagnetizer is also available.

Main unit

[mm (in)]

Model	Dimensions					Demagnetizing Area	Withstand Load	Capacity	Mass	
	L ₁	L ₂	L _e	B ₁	B ₂					H
KMDE-1212	230	280	120	120	210	85	120 (4.72) × 120 (4.72)	20kg/ 44 lb	180 VDC/ 2.1A	15kg/ 33 lb
	(9.05)	(11.0)	(4.72)	(4.72)	(8.26)	(3.34)				
KMDE-2525	400	—	250	250	380	150	250 (9.84) × 250 (9.84)	80kg/ 176 lb	180 VDC/ 4.8A	75kg/ 165 lb
	(15.7)		(9.84)	(9.84)	(14.9)	(5.90)				

※The withstand load refers to uniform load in the work area.

Applicable power unit (KMDE-1212/2525)

Model	Dimensions					Power	Output	Mass
	L ₁	L ₂	W	H	h			
EHD-W205A	110	140	175	260	230	200 VAC	180 VDC/ 5A	4.7kg/ 10 lb
	(4.33)	(5.51)	(6.89)	(10.2)	(9.05)	1 φ		

Main unit

Model	Dimensions					Demagnetizing Area	Withstand Load	Capacity	Mass
	L ₁	L _e	B ₁	B ₂	H				
KMDE-4040	640	400	400	640	220	400 (15.7) × 400 (15.7)	300kg/ 661 lb	180 VDC/ 9A	350kg/ 771 lb
	(25.2)	(15.7)	(15.7)	(25.2)	(8.66)				

※The withstand load refers to uniform load in the work area.

Applicable power unit (KMDE-4040)

Model	Dimensions					Power	Output	Mass
	L ₁	L ₂	W	H	h			
EHD-W210A	190	220	175	290	250	200 VAC	180 VDC/ 10A	6kg/ 13 lb
	(7.48)	(8.66)	(6.89)	(11.4)	(9.84)	1 φ		

[Application]

Pressing the demagnetizing button completes demagnetization within a fixed time without moving workpieces.

[Features]

- A magnetomotive force greater than the AC demagnetizer has been set, which works well on hard workpieces such as bearing steels and cutter steels that are difficult to demagnetize with conventional demagnetizers.
- Since workpieces are demagnetized while keeping them stationary on the demagnetizer, it is not necessary to move workpieces as when using an AC demagnetizer. Thus, this model is suitable for demagnetization of large workpieces (e.g. molds) that are difficult to move.
- Since demagnetization is carried out according to the attenuation pattern programmed in the power unit, electricity needs to be applied only during demagnetization, saving electricity.
- The demagnetizer itself and the power unit are installed separately. Thus, they can be installed in an easy-to-operate place.

Model KMDE-MP SINGLE POLE STATIC TYPE DEMAGNETIZER



KMDE-MP1013

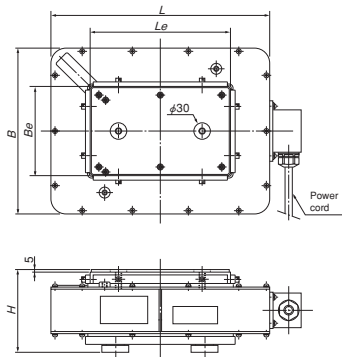
[Application]

Recommended for demagnetization of thick workpieces and partial demagnetization of large workpieces.

Pressing the demagnetizing button completes demagnetization within a fixed time without moving workpieces.

[Features]

- A strong magnetic field is generated in a wide area to make this model suitable for partial demagnetization of large workpieces and thick workpieces.
- Since demagnetization is carried out according to the attenuation pattern programmed in the power unit, electricity needs to be applied only during demagnetization, saving electricity.
- The demagnetizer itself and the power unit are installed separately. Thus, they can be installed in an easy-to-operate place.



[mm (in)]

Model	Dimensions			Demagnetizing Area	Capacity	Mass	Power Unit
	L	B	H				
KMDE-MP1013	240 (9.44)	210 (8.26)	110 (4.33)	100 (3.93) × 130 (5.11)	180 VDC/2.1A	20kg/ 44 lb	EHD-W205A
KMDE-MP1625	390 (15.3)	300 (11.8)	150 (5.90)	160 (6.29) × 250 (9.84)	180 VDC/4.7A	75kg/165 lb	
KMDE-MP2040	580 (22.8)	380 (14.9)	185 (7.28)	200 (7.87) × 400 (15.7)	180 VDC/7.8A	170kg/375 lb	