Model KMDE STATIONARY DEMAGNETIZER

Control unit required additionally

Non-watertight　Power saving

KMDE-1212　　EHD-W205B

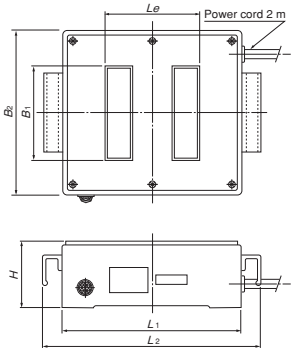
[Application]

Used to eliminate residual magnetism in magnetized workpieces and tools. Pressing the demagnetizing button can complete demagnetization within a certain time without moving workpieces.

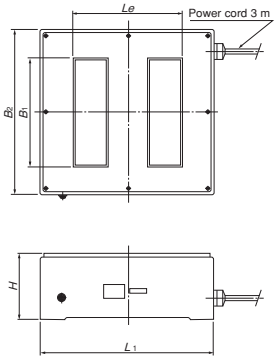
[Features]

- A magnetomotive force greater than the AC demagnetizer has been set, which works well on hard workpieces such as bearing steel and cutter steel that are difficult to demagnetize with conventional demagnetizers.
- Since workpieces are demagnetized while they are kept stationary on the demagnetizer, it is not necessary to move workpieces, press die materials, SK materials, etc. 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 control unit, electricity needs to be applied only during demagnetization, thus saving electricity.
- The demagnetizer itself and the control unit are installed separately. Thus, they can be installed in an easy-to-operate place.

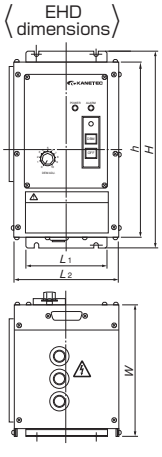
〈KMDE-1212 dimensions〉



〈KMDE-2525/4040 dimensions〉



〈EHD dimensions〉



A larger special demagnetizer is also available.

Main unit

[mm (in)]

Model	Dimensions L1	L2	Le	B1	B2	H	Demagnetizing Area	Withstand Load	Electrical Rating	Working Rate	Mass
KMDE-1212	230 (9.05)	280 (11.0)	120 (4.72)	120 (4.72)	210 (8.26)	85 (3.34)	120 (4.72) × 120 (4.72)	20kg/ 44 lb	180 VDC/ 2.1A	25% ED	15kg/ 33 lb
KMDE-2525	400 (15.7)	—	250 (9.84)	250 (9.84)	380 (14.9)	150 (5.90)	250 (9.84) × 250 (9.84)	80kg/ 176 lb	180 VDC/ 4.8A		75kg/ 165 lb

※The withstand load is based on a uniform load in the work area.

Applicable control unit (KMDE-1212/2525)

[mm (in)]

Model	Dimensions L1	L2	W	H	h	Power	Output	Mass
EHD-W205B	110 (4.33)	140 (5.51)	175 (6.89)	260 (10.2)	230 (9.05)	Single-phase 200 VAC	180 VDC/ 5A	4.7kg/ 10 lb

Main unit

[mm (in)]

Model	Dimensions L1	Le	B1	B2	H	Demagnetizing Area	Withstand Load	Electrical Rating	Working Rate	Mass
KMDE-4040	640 (25.2)	400 (15.7)	400 (15.7)	640 (25.2)	220 (8.66)	400 (15.7) × 400 (15.7)	300kg/ 661 lb	180 VDC/ 9A	25% ED	350kg/ 771 lb

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

Applicable control unit (KMDE-4040)

[mm (in)]

Model	Dimensions L1	L2	W	H	h	Power	Output	Mass
EHD-W210B	190 (7.48)	220 (8.66)	175 (6.89)	290 (11.4)	250 (9.84)	Single-phase 200 VAC	180 VDC/ 10A	6kg/ 13 lb

Model KMDE-MP SINGLE POLE STATIONARY DEMAGNETIZER

Control unit required additionally

Non-watertight　Power saving

KMDE-MP1013

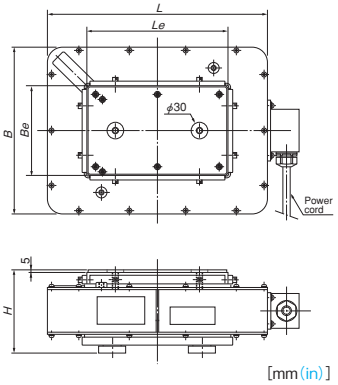
[Application]

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

Pressing the demagnetizing button can complete demagnetization within a certain time without moving workpieces.

[Features]

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



[mm (in)]

Model	Dimensions L	B	H	Demagnetizing Area Be×Le	Electrical Rating	Working Rate	Mass	Applicable Control Unit
KMDE-MP1013	240 (9.44)	210 (8.26)	110 (4.33)	100 (3.93) × 130 (5.11)	180 VDC/2.1A	25% ED	20kg/ 44 lb	EHD-W205B
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	EHD-W210B

※KMDE-MP1013 comes with a 2 m power cord and other models with a 3 m cord.