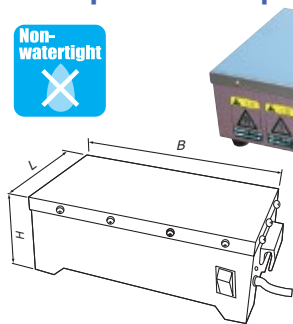


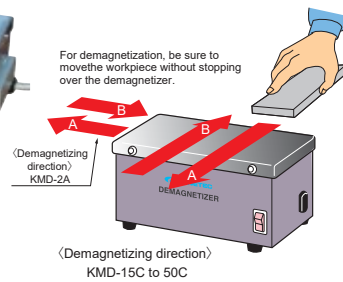


Model KMD TABLE TYPE DEMAGNETIZER

Compact but improved demagnetizing performance!



KMD-2A



Application

These demagnetizers produce an alternating magnetic field on the surface by use of an AC power source, through which workpieces are passed to remove the magnetism remaining on their surface.

Features

- Thick workpieces can be demagnetized effectively by moving both the face and the back over the demagnetizer.
- These demagnetizers have good heat radiation and can withstand continuous power-on condition.
- These demagnetizers are very powerful and can demagnetize steel materials that have properties similar to magnetic steel and have large magnetism holding power such as high-speed steel, bearing steel, nickel-chrome steel, spring steel, die steel, etc. that are usually difficult to demagnetize. (KMD-2A, KMD-30C to 50C)

If you plan to install the demagnetizer in the vertical direction or opposite direction, please contact us.

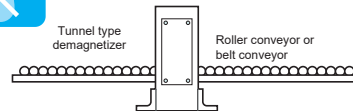
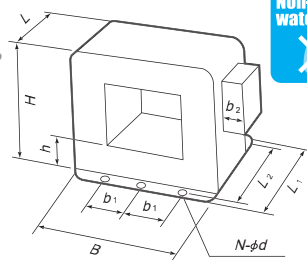
[mm(in)]

Model	Power Source	Power Capacity (Current)	Working Rate	Effective Demag. Width	Dimensions				Mass
					B	L	H		
KMD-2A	3-phase 200 VAC, 50/60 Hz	2kVA (5.8A)	100%ED	160 (6.29)	453 (17.8)	245 (9.64)	140 (5.51)		30kg/ 66 lb
KMD-15C	Single-phase 100 VAC, 50/60 Hz	140VA (1.4A)		80 (3.15)	150 (5.90)	120 (4.72)	80 (3.15)		5kg/ 11 lb
KMD-20C		300VA (3.0A)		130 (5.11)	200 (7.87)				7kg/ 15 lb
KMD-30C		0.74kVA (3.7A)		180 (7.08)	300 (11.8)				19kg/ 41 lb
KMD-40C	Single-phase 200 VAC, 50/60Hz Single-phase 220 VAC, 60Hz	1.04kVA (5.2A)		280 (11.0)	400 (15.7)	200 (7.87)	120 (4.72)		29kg/ 63 lb
KMD-50C		1.28kVA (6.4A)		380 (14.9)	500 (19.6)				37kg/ 81 lb

Model KMDT TUNNEL TYPE DEMAGNETIZER



KMDT-10A



An example of usage

Caution: The conveyor must be made of nonmagnetic stainless steel or plastic.

Application

These demagnetizers can meet such demagnetizing needs as passing a bucket containing a large amount of small workpieces and being incorporated in a line for continuous demagnetizing by conveyor transfer. Various sizes are available to meet such requirements. They can also be used to demagnetize long workpieces and irregularly shaped workpieces.

Features

- The high heat radiation design enables continuous operation.
- A uniform demagnetizing area can be obtained.
- Almost uniform demagnetization can act on the whole periphery of passing workpieces.

[mm(in)]

Model	Power Source	Source Capacity (Current)	Working Rate	Gate		Dimensions										Mass	Applicable Cable 2-core (2RNCt)
				Width	Height	B	L	H	b ₁	N	φ d	b ₂	L ₁	L ₂	h		
KMDT-10A	Single-phase 200 VAC, 50/60 Hz	0.46kVA (2.3A)	100% ED	100 (3.93)	80 (3.15)	210 (8.26)	103 (4.05)	205 (8.07)	60 (2.36)	4	9.5 (0.37)	40 (1.57)	153 (6.02)	133 (5.23)	70 (2.75)	15kg/ 33.3 lb	1.25mm ²
KMDT-16A		1.6kVA (8A)		160 (6.29)	125 (4.92)	280 (11.0)	144 (5.66)	245 (9.64)	80 (3.15)		12 (0.47)		204 (8.03)	180 (7.08)	60 (2.36)	32kg/ 70.5 lb	
KMDT-25A	Single-phase 220 VAC, 60 Hz	6kVA (25A)		250 (9.84)	200 (7.87)	400 (15.7)	224 (8.81)	350 (13.7)	150 (5.90)	6	14 (0.55)	70 (2.75)	284 (11.1)	260 (10.2)	75 (2.95)	80kg/ 177 lb	5.5mm ²
KMDT-40A		11kVA (55A)		400 (15.7)	315 (12.4)	540 (21.2)	304 (11.9)	460 (18.1)	200 (7.87)				384 (15.1)	350 (13.7)	140kg/ 308 lb	14mm ²	

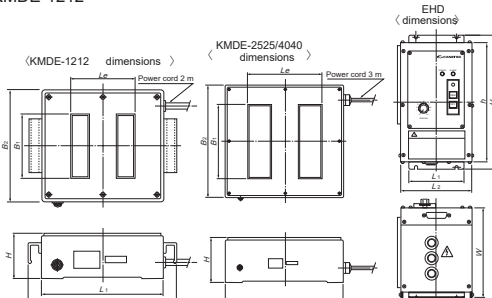
Model KMDE STATIONARY DEMAGNETIZER

Control unit required additionally



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.

Main unit

[mm(in)]

Model	Dimensions						Demagnetizing Area	Withstand Load	Electrical Rating	Working Rate	Mass
	L ₁	L ₂	L _e	B ₁	B ₂	H					
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
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		350kg/ 771 lb

Applicable control unit

[mm(in)]

Model	Dimensions					Power	Output	Mass	Applicable Main Unit
	L ₁	L ₂	W	H	h				
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	KMDE-1212/2525
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	KMDE-4040