Model KMDE-V STATIC TYPE V SHAPED DEMAGNETIZER

Static fixed position work piece demagnetization, no turning or passing!

KMDE-V2525

NEW

[Application]

Well suited for demagnetization of ring shape work pieces.

[Features]

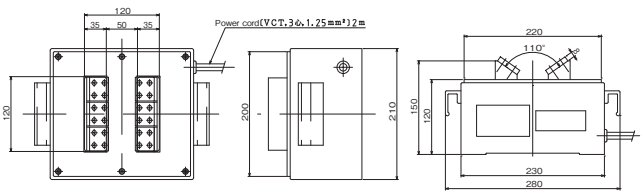
- Demagnetizes work in a one time operation. Re-positioning of work is not necessary, reducing risk of damage to part handling.
- Protective plating is provided on the demagnetizing V-Faces, preventing damage to work surfaces. Re-positioning of the protection plating allows for support of uneven shaped parts.
- Separate power control and KMDE-V can be located separately for placement and operation near work and minimal handling.
- Water-proof or anti-water drop type are optionally available. Please contact us.

Power saving

Non-watertight

An example of demagnetizing of special ring work

Power Unit required additionally



Main unit

[mm(in)]

Model	Dimensions B	L	H	Demagnetizing Area Be×Le	Adaptable ring size Diameter	Width	Capacity	Duty Cycle	Mass	Power Unit
KMDE-V2525	380 (14.9)	400 (15.7)	250 (9.84)	250 (9.84) × 250 (9.84)	φ150 ~φ350	220 (8.66)	DC180V/9A	10% ED	90kg/ 198 lb	EHD-W210B
KMDE-V4040	640 (25.1)	640 (25.1)	390 (15.3)	400 (15.7) × 400 (15.7)	φ250 ~φ600	350 (13.7)	DC180V/26A		450kg/ 992 lb	EHD-W230B

※3m power cord provided in KMDE-V2525, 5m in KMDE-V4040.

Applicable power unit

Model	Dimensions L_1	L_2	W	w	H	h	Power	Output	Mass
EHD-W210B	190 (7.48)	220 (8.66)	175 (6.88)	—	290 (11.4)	250 (9.84)	AC200V 1φ	DC180V/10A	6kg/ 13.2 lb
EHD-W230B	500 (19.6)	550 (21.6)	400 (19.6)	325 (12.7)	850 (33.4)	750 (29.5)	AC200V 3φ	DC180V/30A	48kg/ 105 lb

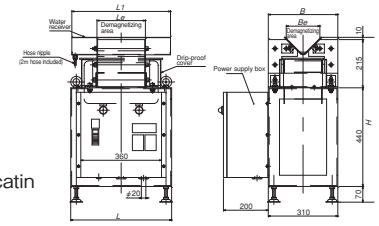
Model KMDV V TYPE DEMAGNETIZER

Non-watertight

KMDV An example of special fabricatin

For demagnetization of ring shape work pieces, annealed materials!

NEW



[Application]

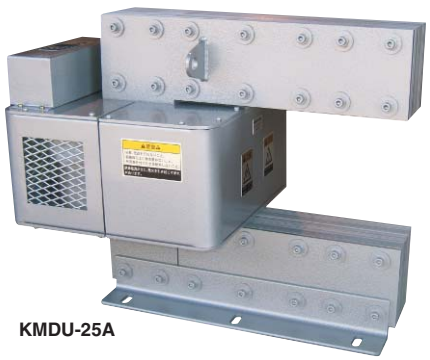
Use to remove residual magnetism within magnetized ring shaped work.

[Features]

- V-shaped core design, achieves effective demagnetization of ring shaped work
- Strong magnetic field, effective for hard to demagnetize annealed material.
- A water reservoir area is provided for demagnetization of work soaked with water too.

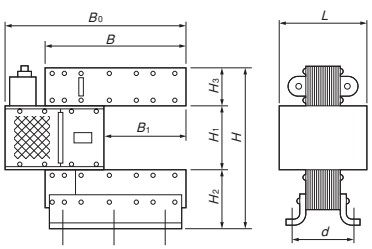
Model	Power Source	Source Capacity	Duty Cycle	Demagnetizing Area Be×Le	Dimensions L	L_1	B	B_1	H	Mass
KMDV-15	Single phase AC200V 50/60Hz	6kVA (30A)	30% ED	150 (5.90) ×216 (8.50)	450 (17.7)	440 (17.3)	310 (12.2)	200 (7.87)	735 (28.9)	170kg/374 lb

Model KMDU U TYPE DEMAGNETIZER



KMDU-25A

Non-watertight



[Application]

Suitable for demagnetizing bobs and die sets. This model is also recommended where long and irregular-shaped workpieces need to be demagnetized uniformly since its magnetic flux alternates vertically. Further, this model can easily be incorporated in a transportation system.

[Features]

- Easy incorporation into a transportation system and easy removal and relocation.

[mm(in)]

Model	Power Source	Power Capacity (Current)	Duty Cycle	Dimensions B_0	B	B_1	H	H_1	H_2	H_3	L	d	Mass
KMDU-25A	Single-phase 200 VAC 50/60Hz	14kVA (70A)	30% ED	630 (24.8)	500 (19.6)	250 (9.84)	480 (18.9)	200 (7.87)	150 (5.90)	130 (5.11)	350 (13.7)	270 (10.6)	180kg/ 397 lb
KMDU-50A		30kVA (150A)	Max. 0.5h	940 (37.0)	770 (30.3)	500 (19.6)	715 (28.2)	300 (11.8)	215 (8.46)	200 (7.87)	420 (16.5)		600kg/1323 lb

※A different-voltage type (special type) is also available.