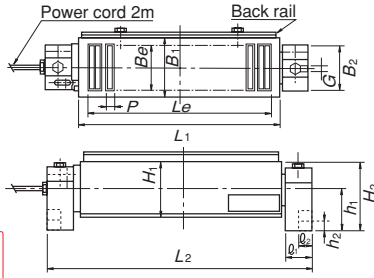


Model **EPZ-U** ROTARY TYPE



EPZ-1030UA

Chuck controller required additionally



[Application]

Suitable for angle grinding on grinders. Easy installation.

[Features]

- The scaled rotary shaft facilitates angle setting.
- Electricity is applied momentarily only to control the magnetomotive force when mounting and dismounting workpieces, minimizing heat generated internally to ensure high precision machining operations.
- Electricity needs not be applied continuously even when holding workpieces, helping reduce running costs.
- The holding power is maintained in the event of power failure or cable breakage, thus improving safety.

Model	Nominal Dimensions	Top Plate					Pole Pitch		Rotary Stand				Length	Height	Voltage	Mass	Electro Chuck Master	
		B <sub>1</sub>	L <sub>1</sub>	B <sub>e</sub>	L <sub>e</sub>	H <sub>1</sub>	P	B <sub>2</sub>	ℓ <sub>1</sub>	ℓ <sub>2</sub>	G	h <sub>1</sub>						h <sub>2</sub>
EPZ-1025UA	100(3.93) × 250(9.84)	100(3.93)	250(9.84)	78(3.07)	211(8.30)	100	11(2+9) 0.43(0.07+0.35)	100	50	29	14	80 (3.15)	15	368(14.4)	130 (5.11)	90 VDC	22kg/ 48 lb 24kg/ 52 lb	EPS-215B
EPZ-1030UA	100(3.93) × 300(11.8)	100(3.93)	300(11.8)	96(3.78)	240(9.44)	100	14(2+12) 0.55(0.07+0.47)	100	50	29	14	95 (3.74)	15	418(16.4)	145 (5.70)	90 VDC	30kg/ 66 lb 37kg/ 81 lb	EPS-215B
EPZ-1230UA	120(4.72) × 300(11.8)	120(4.72)	300(11.8)	96(3.78)	240(9.44)	100	14(2+12) 0.55(0.07+0.47)	100	50	29	14	95 (3.74)	15	418(16.4)	145 (5.70)	90 VDC	30kg/ 66 lb 37kg/ 81 lb	EPS-215B
EPZ-1530UA	150(5.90) × 300(11.8)	150(5.90)	300(11.8)	96(3.78)	240(9.44)	100	14(2+12) 0.55(0.07+0.47)	100	50	29	14	95 (3.74)	15	418(16.4)	145 (5.70)	90 VDC	30kg/ 66 lb 37kg/ 81 lb	EPS-215B
EPZ-1545UA	150(5.90) × 450(17.7)	150(5.90)	450(17.7)	120(4.72)	408(16.0)	100	14(2+12) 0.55(0.07+0.47)	100	50	29	14	95 (3.74)	15	568(22.3)	175 (6.89)	90 VDC	52kg/114 lb	EPS-215B

※ The chuck controller and clamp parts are not included. The KANETEC chucks work best when a KANETEC chuck controller is used.

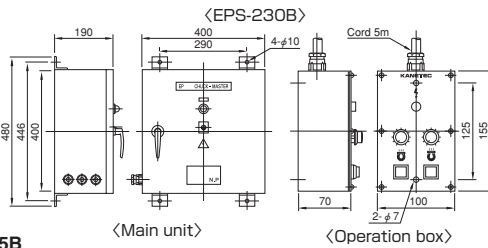
※ Turning the permanent electromagnetic chucks on and off must be limited to once per several minutes. If on/off operations are repeated frequently, the chucks may be damaged by overheat.

Model **EPS** EP CHUCK MASTER\*

Power source for permanent electromagnetic chucks



EPS-215B



[Application]

Rectifies an input from the AC power source to DC and momentarily outputs exciting current to permanent electromagnetic chucks. The automatic demagnetization circuit is activated to reduce residual magnetism in permanent electromagnetic chucks.

[Features]

- This chuck master is designed for use with electro permanent models : EPT-C, EPTW, EPZ, and EPZ-U.
- Microcomputer control ensures effective automatic demagnetization.
- Adjustable holding power.

General models

Model	Power Source	Output		Dimensions			Mounting		Mass	Operating box				
		Voltage	Current	Width	Depth	Height	Width	Height		Hole	Width	Depth	Height	Cord
EPS-215B	Single-phase 200 VAC (50/60Hz)	20—90 VDC	15A	180(7.08)	130(5.11)	250(9.84)	120(4.72)	275(10.8)	4-φ 7(0.27)	4.7kg/10.3 lb	—	—	—	—
EPS-230B			30A	400(15.7)	190(7.48)	400(15.7)	290(11.4)	446(17.5)	4-φ 10(0.39)	18.3kg/40.3 lb	100(3.93)	70(2.75)	155(6.10)	5m(196)
EPS-W215B		40—180 VDC	15A	180(7.08)	130(5.11)	250(9.84)	120(4.72)	275(10.8)	4-φ 7(0.27)	4.7kg/10.3 lb	—	—	—	—
EPS-W230B			30A	400(15.7)	190(7.48)	400(15.7)	290(11.4)	446(17.5)	4-φ 10(0.39)	18.3kg/40.3 lb	100(3.93)	70(2.75)	155(6.10)	5m(196)

※ The applicable models are limited to EPT, EPTW and EPZ-U.

※ EPS-230B is used as a power source unit for two or more units of the same model connected in series or specially ordered large chucks.

Model **EPH-LW** EP CHUCK MASTER\*

Low magnetic force control function



EPH-LW205A

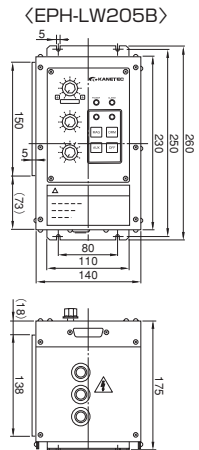
[Application]

The use of the low magnetic force control function enables straightening operations as with electromagnetic chucks.

The use of the low magnetic force control function facilitates positioning of workpieces. (The low magnetic force control requires electricity to be supplied continuously. When used under low magnetic force control for long hours, accuracy change due to heat generated in the permanent electromagnetic chuck may slightly affect the machining accuracy.)

[Features]

These Chuck Masters enable it to control the low magnetic force (weak holding power), which is difficult with permanent electromagnetic chucks. When a conventional permanent electromagnetic chuck is used, it is necessary to turn it off once and after lowering the magnetizing voltage, turn it on again in order to set a low magnetic force for straightening grinding operations. These Chuck Masters have a control function by which the power can be applied continuously only in the low output region, which makes it possible to finely and continuously adjust the low magnetic force region as with electromagnetic chucks. They offer a capability of straightening grinding with permanent electromagnetic chucks. Workpieces can also be positioned smoothly with the low magnetic force control.



Model	Power Source	Output		Dimensions			Mass
		Voltage	Current	Width	Height	Depth	
EPH-LW205B	Single-phase 200 VAC 50/60Hz	Permanent electromagnetic: 0—180 VDC (2sec) Low magnetic force: ±0—60 VDC (continuous)	5A	140(+5) 5.51(+0.19)	230(9.05)	175 (6.89)	Approx. 4.7kg/10.3 lb
140(+30) 5.51(+1.18)				Operated from main unit panel.			
220(+30) 8.66(+1.18)				Approx. 4.5kg/ 9.9 lb			
EPH-LWE210B				250(9.84)			Approx. 6.0kg/13.2 lb

※ Non-contact Chuck Masters (with low magnetic force control) of permanent electromagnetic chucks (180 VDC version).

※ The low magnetic force control is possible when used in combination with the permanent electromagnetic chuck Model EPT-D.

※ Three types; rated output of 180 VDC-5A, 180 VDC-5A (with operation box) and 180 VDC-10A (with operation box) are available.

ELECTROMAGNETIC CHUCKS  
CHUCK CONTROLLERS  
MAGNETIC CHUCKS  
PERMANENT ELECTROMAGNETIC CHUCKS  
PERMANENT ELECTROMAGNETIC CHUCKS  
BLOCKS FOR MC  
VACUUM CHUCKS  
PROMELTA SYSTEM  
SINE BAR CHUCKS  
MAGNETIC BLOCKS  
WORKING TOOLS  
MEASURING TOOL HOLDERS  
MAGNETIC HOLDERS  
MAGNETIC TOOLS