

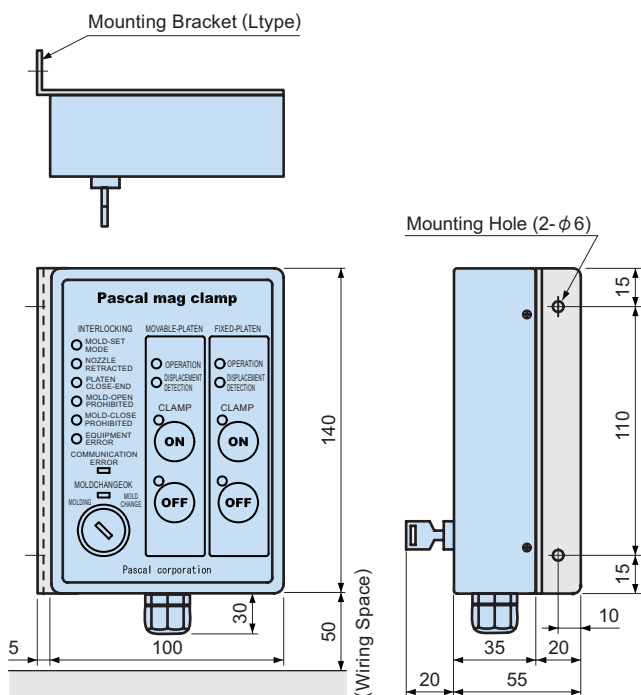
## Operation Panel model **ESM**

Clearly labeled user friendly panel in compact body. Exclusively designed for MAG Clamp.

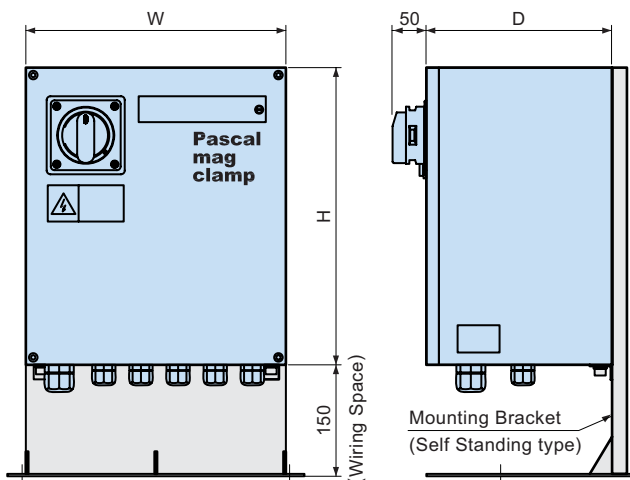


Operation panel can be directly mounted on the wall or molding machine by using tapped hole in the back of the panel. (Four M4 bolts are furnished.) For panel mounting five different brackets are available as options. (Refer to Data Sheet)

Mass 0.6 kg



## Control Box model **EMG**



Three different mounting brackets (wallmounting, self standing and hanging types) are optionally available. Note that for large size control boxes of model EMG -A2E12 ~A2E20, only self standing type is available. (Refer to Specification check sheet)

Clamp Plate Model	Control Box Model ※1	Dimensions			Mass ※2 kg
		H mm	W mm	D mm	
MGA0020S ~ 0150S	EMG-A2E2	400	350	250	25
MGA0050 ~ MGA0280	EMG-A2E2	400	350	250	25
MGA0350 ~ MGA0650	-A2E4	400	350	250	25
MGA0850, MGA1050	-A2E6	400	550	250	30
MGA1300	-A2E8	400	550	250	30
MGA1600, MGA2000	-A2E12	800	600	300	60
MGA2500	-A2E16	1000	750	350	80
MGA3000	-A2E20	1000	750	350	80

※1 : Control box models in the above table have AC200V AC220V as their primary power supply.

Refer to the Specification check sheet in the case of AC380V, AC440V or AC480V power supplies.

※2 : Mass is of control box excluding mounting bracket.

## Interlock

The interlock functions listed below are integrated into the electric control circuit for safe operation.

### ● When changing a mold

MAG clamp becomes operational only when the following conditions are met:

MAG Clamp ① Mold Change Mode

Molding Machine ② Set-up (or manual) mode ③ Nozzle Retracted ④ Ejector Retracted

⑤ Mold Closed ⑥ Safety Door Closed

Conditions ②, ③ and ⑤ for Molding machine can be checked by LED on the operation panel.

### ● During automatic operation

If the mold is displaced or floated from the clamp plate, the molding machine is immediately stopped by the displacement detection function.