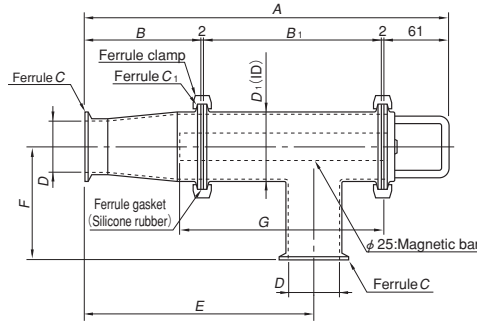


Model **PCML** SANITARY TYPE MAGNETIC FILTER (L TYPE)



PCML-15



[Features]

- Suitable for a small amount (flow rate) to process.
- Simple construction for easy overhaul and cleaning.
- Compact and light weight, requiring little installation space.

■ An example of application: Dairy products, ketchup, sausage, honey, ra yu, fermented soybean tare

Powerful type

[mm (in)]

Model	Surface Material	Surface Finish	Surface Max. Magnetic Flux Density	Working Temperature	Load Pressure Resistance	External Dimensions									Mass	
						A	B	B <sub>1</sub>	C	C <sub>1</sub>	D	D <sub>1</sub>	E	F		G
PCML-10	SUS304	# 400 buffed	0.8T (8000G) min	Upper limit 80°C (176°F)	500kPa (5kgf/cm <sup>2</sup> )	259 (10.2)	55 (2.16)	139 (5.47)	1S	2S	23 (0.90)	47.8 (1.88)	139 (5.47)	72.5 (2.85)	152 (5.98)	Approx. 2.0kg/4.4 lb
PCML-15						343 (13.5)	110 (4.33)	168 (6.61)	1.5S	2S	35.7 (1.41)	47.8 (1.88)	59.5 (2.34)	103.5 (4.07)	85.5 (3.36)	
PCML-20						343 (13.5)	110 (4.33)	168 (6.61)	2S	2.5S	47.8 (1.88)	59.5 (2.34)	217 (8.54)	103.5 (4.07)	192 (7.55)	

Heat-resistant powerful type

[mm (in)]

Model	Surface Material	Surface Finish	Surface Max. Magnetic Flux Density	Working Temperature	Load Pressure Resistance	External Dimensions									Mass	
						A	B	B <sub>1</sub>	C	C <sub>1</sub>	D	D <sub>1</sub>	E	F		G
PCML-T10	SUS304	# 400 buffed	0.8T (8000G) min	Upper limit 150°C (302°F)	500kPa (5kgf/cm <sup>2</sup> )	259 (10.2)	55 (2.16)	139 (5.47)	1S	2S	23 (0.90)	47.8 (1.88)	139 (5.47)	72.5 (2.85)	152 (5.98)	Approx. 2.0kg/4.4 lb
PCML-T15						343 (13.5)	110 (4.33)	168 (6.61)	1.5S	2S	35.7 (1.41)	47.8 (1.88)	59.5 (2.34)	103.5 (4.07)	85.5 (3.36)	
PCML-T20						343 (13.5)	110 (4.33)	168 (6.61)	2S	2.5S	47.8 (1.88)	59.5 (2.34)	217 (8.54)	103.5 (4.07)	192 (7.55)	

Super powerful type

[mm (in)]

Model	Surface Material	Surface Finish	Surface Max. Magnetic Flux Density	Working Temperature	Load Pressure Resistance	External Dimensions									Mass	
						A	B	B <sub>1</sub>	C	C <sub>1</sub>	D	D <sub>1</sub>	E	F		G
PCML-A10	SUS304	# 400 buffed	1T (10000G) min	Upper limit 80°C (176°F)	500kPa (5kgf/cm <sup>2</sup> )	259 (10.2)	55 (2.16)	139 (5.47)	1S	2S	23 (0.90)	47.8 (1.88)	139 (5.47)	72.5 (2.85)	152 (5.98)	Approx. 2.0kg/4.4 lb
PCML-A15						343 (13.5)	110 (4.33)	168 (6.61)	1.5S	2S	35.7 (1.41)	47.8 (1.88)	59.5 (2.34)	103.5 (4.07)	85.5 (3.36)	
PCML-A20						343 (13.5)	110 (4.33)	168 (6.61)	2S	2.5S	47.8 (1.88)	59.5 (2.34)	217 (8.54)	103.5 (4.07)	192 (7.55)	

Model **PCML-S** POWERFUL MAGNETIC FILTER FOR RESIN



PCML-15-S

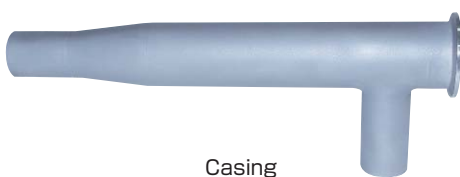
[Application]

Attracts and removes iron mixed in resin (powder, particles) by a strong permanent magnet.

[Features]

- Simple construction for easy overhaul and cleaning.
- Compact and light weight, requiring little installation space.
- With a strong magnet having a property value of 1.2 T (12,000 G) or over built in, a strong magnetic force having a surface maximum magnetic flux density of 0.8 T (8,000 G) or over attracts and removes iron mixed in resin.
- As a permanent magnet of which the strong magnetic force lasts almost perpetually is used, the running cost can be reduced significantly.

An example of fabrication of PCML



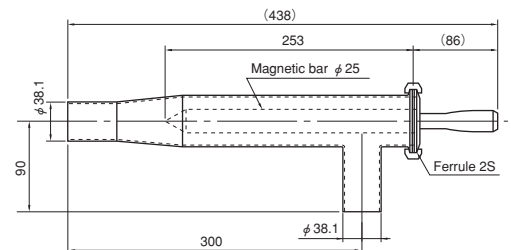
Casing



Ferrule



Magnetic bar



Model	Surface Material	Surface Finish		Surface Max. Magnetic Flux Density	Working Temperature	Mass
		Magnetic bar	Casing			
PCML-15-S	SUS304	# 200 buffed	Inside: # 200 buffed Outside: Pickled	0.8T (8000G) min	Upper limit 80°C (176°F)	Approx. 2kg/4.4 lb

MAGNETIC TOOLS FOR WELDING OPERATION  
LIFTING MAGNET  
MAGBORE  
CHIP & SLUDGE TRANSPORTERS  
ENVIRONMENTAL EQUIPMENT  
MAGNETIZERS AND DEMAGNETIZERS  
MAGNETIC EQUIPMENT FOR TRANSPORTATION  
MAGNETIC SEPARATORS  
HIGH-GRADE MAGNETIC SEPARATORS  
MEASURING TOOLS  
MAGNETIC MATERIALS