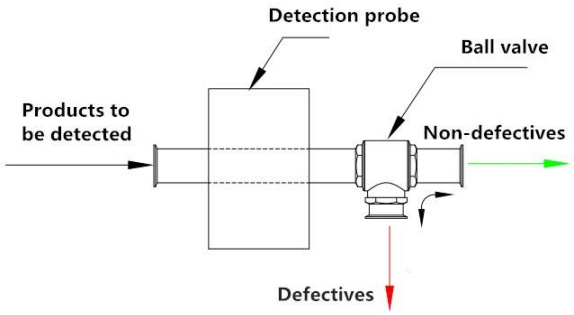
PEC2005E Liquid metal separator



schematic diagram

EC2005E Liquid metal separator adopts digital intelligent technology to realize the full digitalization and intellectualization of the metal detection so that the performance is excellent, the operation is simple, and the production efficiency is greatly improved

Application

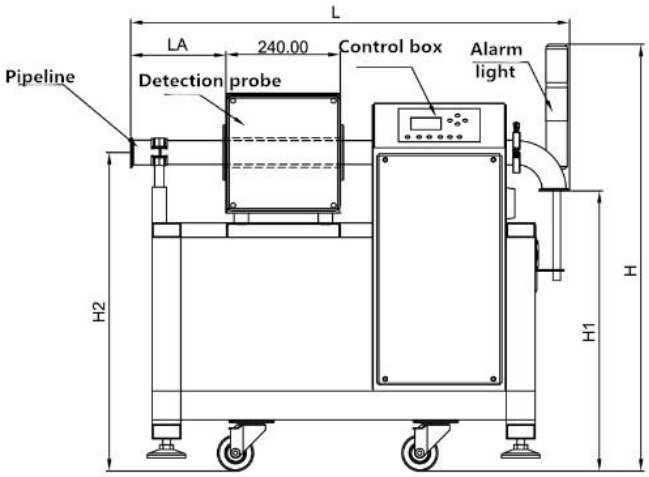
It applies to the food industry, chemical industry, pharmaceutical industry, liquid and paste materials, pump delivery or liquid filling application of jam, chocolate, soup or sauce and other liquid substances of metal foreign matter detection.

Product features:

1.The metal separation system can remove magnetic or nonmagnetic metal impurities from the pumped liquid or paste products (steel, stainless steel, aluminum, etc.)
2.After the detection of the metal, the valve will be removed from the contaminated material into the waste bin, arc valve removal device designed specifically for viscous materials
3.The metal separator picking joint in stainless steel frame, is used to install the desktop or wall. If necessary, it can also be installed to the movable and adjustable bracket
4.By using a quick connector, it can be conveniently integrated into an existing pipeline system
5.High strength stainless steel material, it’s easy to clean
6.With self-learning function, up to 100 kinds of product storage function

7.A variety of caliber can be chosen, the highest sensitivity can detect 0.5mm diameter ball

Product structure



Specification parameters

Item	diameter	40mm	50mm	60mm	80mm
sensitivity	Fe	0.8mm	1.0mm	1.2mm	1.5mm
	Non-fe	1.2mm	1.5mm	2.0mm	2.5mm
	SUS	1.5mm	2.0mm	2.2mm	2.5mm

Power Supply：Single phase AC220V 50/60Hz
Alarm mode: Audible and visual alarm
Special note: The above detection sensitivity is the parameter value in laboratory, the actual detection sensitivity will be different due to the characteristics of the detected products, the operating environment and characteristics (such as magnetic interference, flow velocity, temperature, etc.), and should be based on the actual detection sensitivity.