METAL SHARK® IN Liquid

For Pipelines with Fluid and Semifluid Products

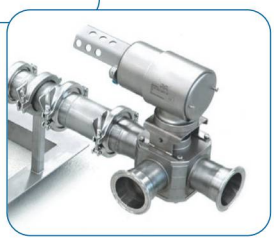
The IN Liquid is a metal detector specifically designed for fluid and paste-like products. Sensor and control unit housing are made of sturdy stainless steel, appropriate for use in the food industry. With a maintenance free design and high quality construction, for reliable operation in the most challenging industrial environments.

Throughput Hose Under High Pressure

- Special care has been taken to design a reliable high pressure throughput piping. The sturdy pipe resists high pressures up to 16 bar (220 psi).
- Stainless pipe flanges can be tri-clamp, milk-thread and special aseptic links.
- The standard hose is suitable for high-temperature and CIP/SIP cleaning ability. Available pipe diameter are 40 / 50 / 65 / 80 / 100 mm (1,5 / 2 / 2,5 / 3 / 4 inch).

Choose the Most Appropriate Rejector for Your Application

- With the *reject valve metal objects* are separated out of the stream promptly. Cassel has different valve designs available:
- The *EX-BF Butterfly* valve is operationally reliable, easy to maintain and have especially been developed for CIP/SIP applications.



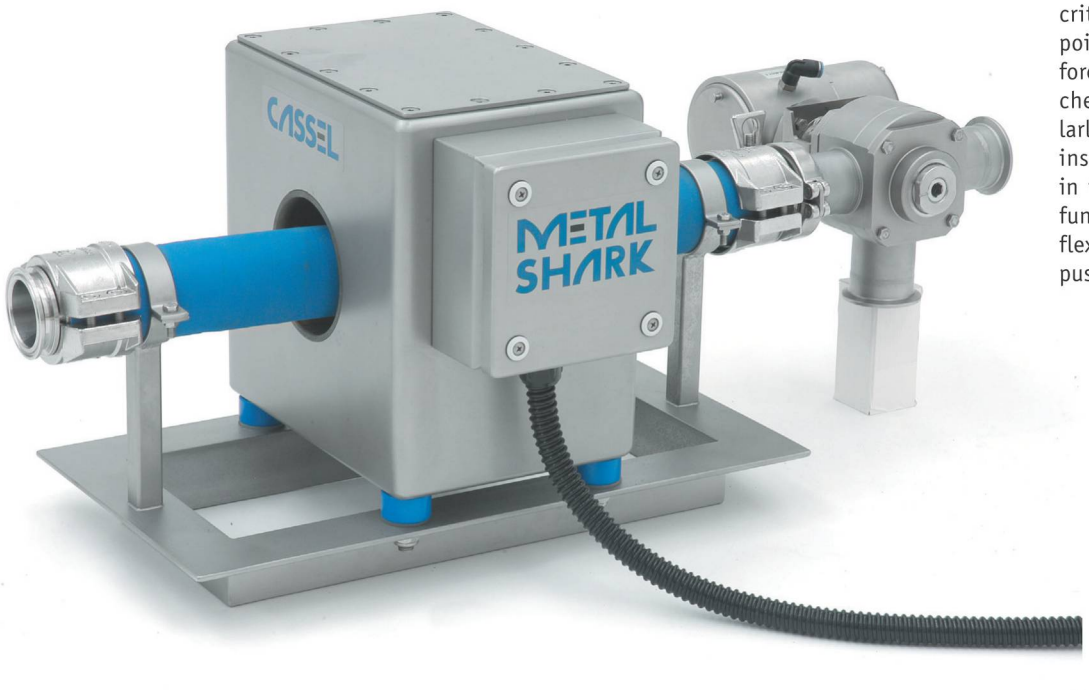
- The *EX-MH Arc Valve* is used in fully aseptic applications. A full unrestricted flow that allows no product restrictions through the valve.

Assembly Frame Options

- The hygienic design is easy to clean and all tubing are complete closed welded on all sides.
- Available options are:
- *Floor stand,* with/without castors wall mounting frame
- *OEM frames* to adapt into other machinery
- *Control unit* attached to sensor/control unit for separate wall mounting

Performance Check

- According to *HACCP* the metal detector is a critical control point and therefore, it must be checked regularly. A special inspection hole in the pipeline allows to test the detector function regularly and easily. To this aim a flexible test stick with small metal balls is pushed through the pipe.



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