

COMPANY

With over two decades of combined experience in the vacuum industry, Hermetic Sealing focuses his business in developing and manufacturing a new range of vacuum feedthroughs and accessories, serving solutions to the high-tech market and high demanding laboratories around the world.

The flexibility and the dynamicity of the company, combined to our own sealing technology, provides a great value for the customer, and we understand that our success is dependent on the success of our dedicated workforce and our ability to stay ahead of the latest technology.

At Hermetic Sealing, we have the complete control over the manufacturing process and can make safer guarantees to our customers on things like delivery time, quality, consistency of our products and pricing.

Our mission is to be the best choice for joining advanced materials while providing value-added engineering and manufacturing services as an extension to our customer's resources. Whether you are looking for standard vacuum feedthroughs and connectors or a partner to develop a new custom solution, Hermetic Sealing will be there to support you.



HS
Hermetic Sealing

Hermetic Sealing Srl

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HS
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THE HERMETIC SEALING RANGE



hermetic-sealing.com

HS MANUFACTURING PROCESS

CONTROL

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PRODUCTION

All the welding machines guarantee high quality welding of different materials such as various types of stainless steels, aluminum alloys, titanium and other materials. All operators have quality equipment at their disposal, whilst all the measuring instruments are kept in perfect working order and undergo periodic testing.

VACUUM TESTING

Our products are assembled in a clean area, to guarantee the ultra-high vacuum requirements, and tested using a helium mass spectrometer (maximum sensitivity of 1×10^{-11} mbar l/s).

ELECTRICAL TESTING

We make electrical tests on each feedthrough we manufacture, because what we want is to be 100% sure that our products match the specifications and the customer's demands.



MIL-C-26482 vacuum feedthroughs range

HS standard S-MCF series

Standard Multi Contact Feedthrough (are available with commercial bayonet style connection on air side and threaded connection on vacuum side). This standard configuration provides a typical connection, compatible with MIL-C-26482 standard.



HS Power PS-MCF series

Power-Standard Multi Contact Feedthrough are available with commercial bayonet style connection on air side and threaded connection on vacuum side. This standard configuration provides a typical connection, compatible with MIL-C-26482 standard. The particular design provides an high voltage insulation (tested up to 4 kV DC), a feature not found on other brands.



HS double bayonet DB-MCF series

Double Bayonet Multi Contact Feedthrough are available with commercial bayonet style connections on both ends (air & vacuum side). This special configuration provides a fast and easy connection even on the vacuum side, saving operating time.



HS Power PDB-MCF series

Power-Double Bayonet Multi Contact Feedthrough are available with commercial bayonet style connections on both ends (air & vacuum side). This special configuration provides a fast and easy connection even on the vacuum side, saving operating time. The particular design provides an high voltage insulation (tested up to 4 kV DC), a feature not found on other brands.