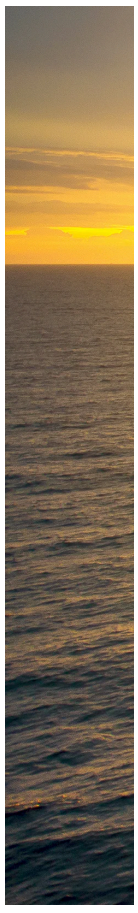
Instrumentation Products Division



Welcome to Parker Instrumentation Products Division

The Instrumentation Products Division provides highly engineered pressure and temperature process control instrumentation and systems. These range from compression tube fittings, cone and thread fittings, needle valves, ball valves, compact stream switching valves to modular process to instrument valve packages. These items are all developed and manufactured to increase our customer's up-time, maintain safety, improve production and quality control.

Our Products



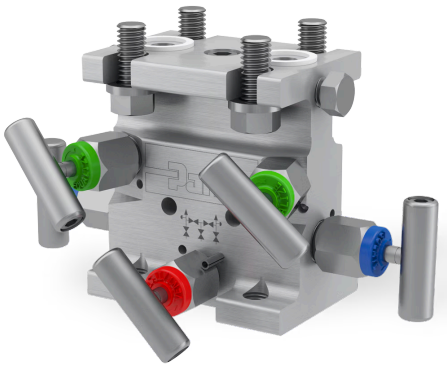
Featured Product Categories View all



Valves



Fittings/Adapters



Manifolds



Regulators

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Page 1

Division Highlights



CATALOG HUB: Quick Link Downloads

Find and Download a majority of our active product literature in one easy and simple listing. Broken down by product catagory for your conveneince.

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Fittings, Materials and Tubing Guide

Download Parker's comprehensive guide to instrumentation fittings, tubing, and materials. Explore tubing charts, anti-corrosion info, and more inside!

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AUTOCLAVE ENGINEERS Product Catalog

Download the High Pressure (Valves, Fittings, Tubing) Catalog for our Autoclave Engineers Brand of products.

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HYDROGEN Product Catalog

Download our Hydrogen Product offering Catalog for this new and exciting market.

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Literature, CAD Drawings, and Videos

RESOURCES



Clean Technologies

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Explore the industries and markets that we serve around the world with our innovative solutions.

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- Downstream Oil & Gas
- Industrial Gas
- Power Generation
- Transportation
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Page 2

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8 Key Factors for Safe and Efficient Hydrogen Small Bore Tubing Systems

Hydrogen is a promising energy source, and as large-scale industrial interest in hydrogen has grown, engineers and end-users need to consider essential factors when specifying, building, and installing small bore tubing systems for hydrogen. To help you navigate this complex process, Parker Hannifin has compiled an infographic and guide that provide an overview of the key factors to consider and proposes solutions to ensure hydrogen systems' safe and reliable operation.

Read More



How To Optimize Downstream Process Sampling Accuracy

Parker offers technology, products and support that allow analyzer engineers to quickly, easily and cost-effectively assemble complete systems that safely deliver truly representative and accurate samples.

Read More



Designing Safety Into Hydrogen Systems

As a source of clean energy, hydrogen is making a great contribution to a more sustainable future. However, it can embrittle poor quality steel materials, leading to unexpected component failures. This article looks at how materials certificates can protect OEMs from such problems.

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How Parker Bestobell Cryogenic Valves Contribute to the Circular Economy

Parker Bestobell cryogenic valves support a circular economy because they are readily repairable and not designed to be thrown away.

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Page 3



IMSTRUMENTATION PRODUCTS

MPI Series Connection for Hydrogen

FITTINGS and VALVES

Sealing Hydrogen, the smallest molecule is tough, but designing a connection that offers easy assembly and remake ability is even tougher… but w connection suitable for liquids and gasses up to 15,000 psi (1034 bar) and temperatures from -423°F to over 1000°F (-253°C to over 538°C).

LEARN MORE

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Page 4

News View All

[Parker launches valves with integral O-LOK® tube connections for improved operational efficiency and safety in hydrogen applications]

Parker Hannifin | October 31, 2023

[Parker's new tyre-actuated globe valve delivers safety to cryogenic transport trailers with speed, convenience and reduced weight]

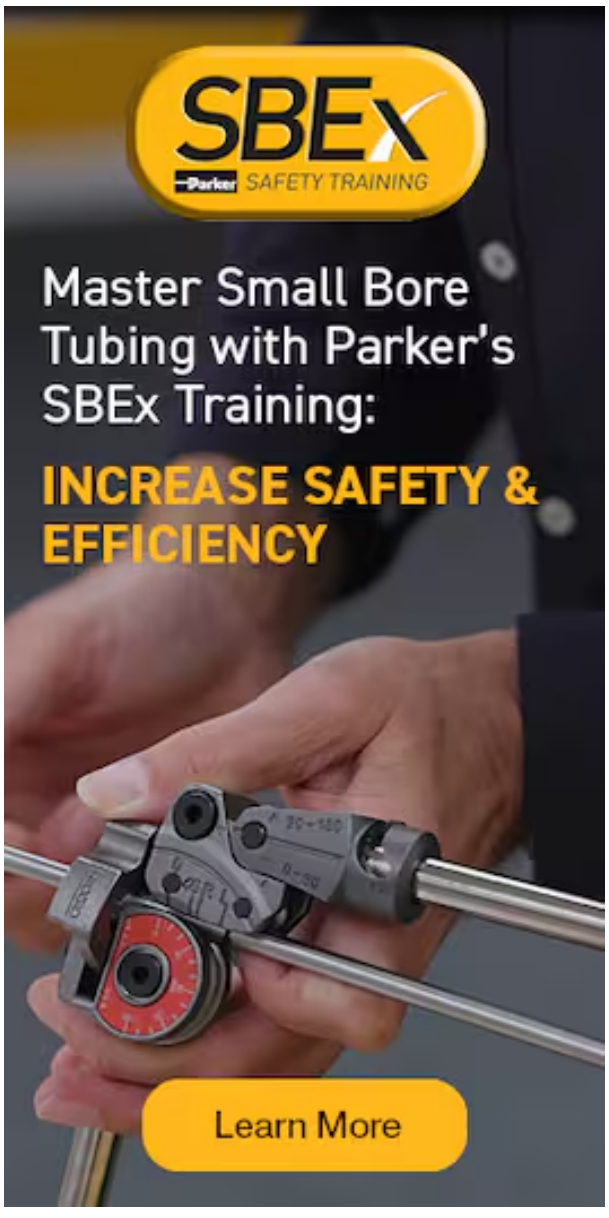
Parker Hannifin Olga Krasilnikova | June 21, 2023

[Parker Instrumentation Products Division's Bestobell brand cryogenic valves]

Parker Hannifin | February 27, 2023

[Parker Joins the Hydrogen and Carbon Capture Programme]

Parker Hannifin | January 10, 2023



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Page 5

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Page 6