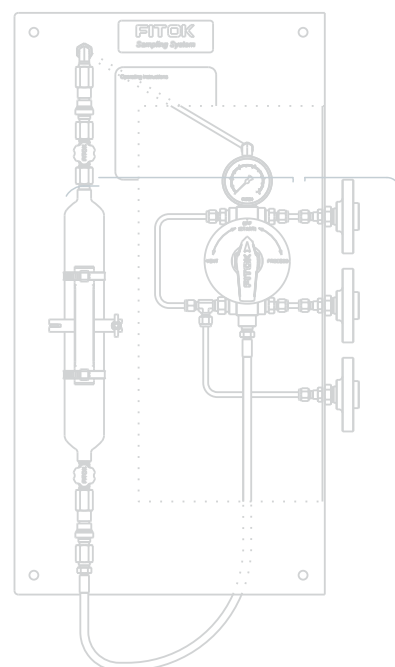
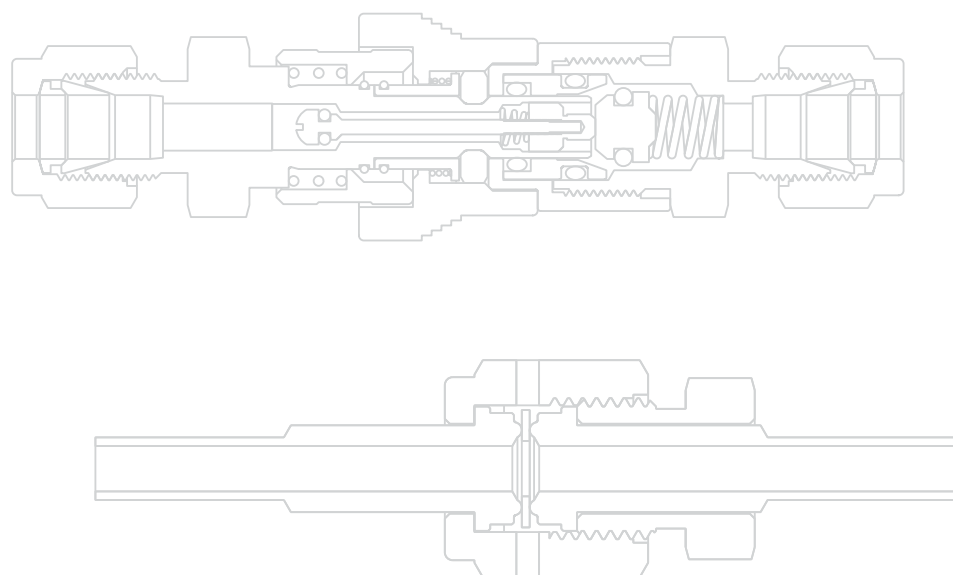


# FITOK

## COMPANY OVERVIEW



# ABOUT FITOK

Founded in 1998, FITOK Group has been an industry-leading developer and manufacturer of superior quality instrumentation valves and fittings, having our R&D centers, manufacturing facilities, warehousing and service locations in Offenbach Germany, Texas USA, Wuhan, Shenzhen and Suzhou China, Dubai UAE and Alberta Canada.

We have the capability to manufacture and supply 5 different product categories, including:

- General Instrumentation Valves and Fittings
- Medium & High Pressure Valves and Fittings
- High Purity & Ultra High Purity Products
- Sampling Systems
- Tubing

Our mission is to provide the best quality products and the most professional services to our customers. The performance of our products is guaranteed during the whole manufacturing cycle from our employment of customized materials which should be controlled more strictly than just according to ASTM requirements to our implementation of production and testing exceeding the industry standards.

Since our inception, FITOK has been applying sound quality control standards in all activities. FITOK is an ISO 9001:2015 certified company and our products have been certified by different industry authorities and third-party inspection institutions in different countries to have obtained a variety of certificates, among which there are the TA-Luft, ABS, ASTM F1387, ISO15848, TPED, E-Mark, CRN, DVGW, PED, API and DOT certificates.

Benefiting from our global facilities, we are able to optimize the most cost-effective resources worldwide. Paired with flexible manufacturing systems, we deliver a wide range of the best quality products within a competitive lead time and the most professional services to our customers in an array of applications and industries.

## Manufacturing & Inspection Facilities



Supermatic Lathe



Machining Center



Class 100 Cleanroom



Contour & Roughness  
Measuring Instrument



Coordinate Measuring Machine

# CERTIFICATES



FITOK Germany ISO 9001



FITOK China ISO 9001



ABS



ASTM F1387



TA-Luft



DVGW



CRN



EAC



API 607



ATEX



TPED



DOT

### 6 Series Tube Fittings



### 6 Series Pipe Fittings



### 37° Flared Tube Fittings



### 6 Series Weld Fittings



### VL Series Vacuum Tube Fittings



### VA Series Vacuum Adapter Fittings



### Grease Fittings and Bleed Fittings



### Fusible Fittings



## Calibration Fittings and Hoses



### Quick-connects

#### ◎ QC Series

Instrumentation quick-connects



#### ◎ QV Series

High flow quick-connects with valve



#### ◎ QF Series

Full-flow quick-connects



#### ◎ QM Series

Miniature quick-connects



#### ◎ QTM Series

PTFE-sealed quick-connects



#### ◎ QCA Series

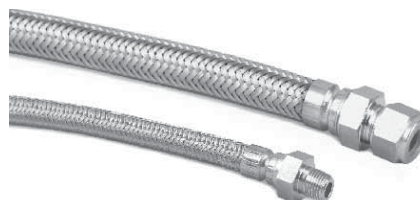
High flow quick-connects with safety quick release



## Hoses and Connectors

#### ◎ MH and MM Series

Metal convoluted hoses



#### ◎ PS Series

PTFE-lined, stainless steel braided hoses



#### ◎ MP Series

Multipurpose push-on hoses



#### ◎ TH Series

Thermoplastic hoses



#### ◎ HC Series

Hose connectors and sleeves



### Ball Valves

#### ◎ BF and BFH Series

Trunnion ball valves, temperature as low as -40°F



#### ◎ BO Series

One-piece instrumentation ball valves, no dead zone



#### ◎ BG Series

3-piece ball valves, pressure up to 1,000 psig



#### ◎ BP Series

Cold drawn bar ball valves, pressure up to 10,000 psig



#### ◎ BH Series

3-piece ball valves, pressure up to 3,000 psig



#### ◎ BR Series

Hex bar stock ball valves



#### ◎ BV Series

High performance ball valves, pressure up to 6,000 psig, working temperature: -65 °F to 450 °F



### Automatic Control Ball Valves

◎ BF, BFH, BH, BO, BP and BV Series





## Needle Valves

### ◎ NB Series

Screwed bonnet needle valves



### ◎ ND and NDH Series

Nonrotating-stem needle valves



### ◎ NF and NFH Series

Forged-body needle valves



### ◎ NG and NGH Series

Integral bonnet needle valves



### ◎ NT Series

Toggle valves and pneumatic needle valves



### ◎ NR and NRG Series

Rising plug valves



### ◎ NY Series

Outside screw and yoke (OS&Y) needle valves



### ◎ NU and NUH Series

Union bonnet needle valves



### Check Valves

Fixed cracking pressure (CV, CH, CO and CW series)

© CV Series



© CH Series

Pressure up to 6,000 psig



© CO Series

One piece body



© CW Series

All-welded design



Adjustable cracking pressure (CA and COA series)

© CA Series



© COA Series

One piece body



All-metal construction

© CL Series



### Bellows-sealed Valves

© SW and SU Series



### Metering Valves

© MS, MV, ML and MH Series



### Plug Valves

© PV Series



### Proportional Relief Valves

© RV, RL and RM Series





### Purge Valves

© RP Series



### Bleed Valves

© RB Series



### Excess Flow Valves

© EV Series



### Filters

© FT Series



© FB Series



© FI Series



© FW Series



### Gauge Valves and Instrumentation Manifolds

Gauge Valves

© GV, GVH and GR Series



2-valve Manifolds

© 2D, 2R, 2DH and 2RH Series



### 3-valve Manifolds

© 3D, 3R, 3DH and 3RH Series



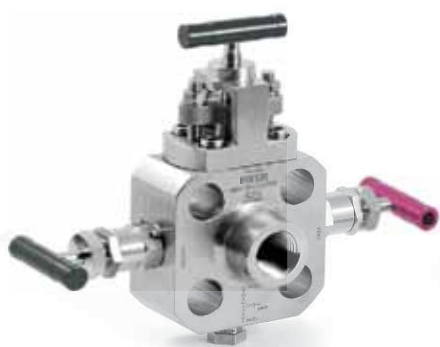
### 5-valve Manifolds

© 5D, 5R, 5DH and 5RH Series



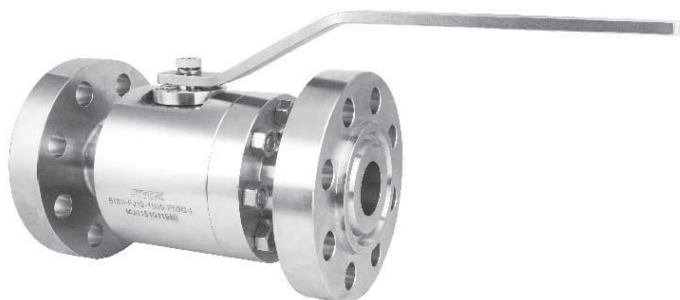
### Block and Bleed Valves

© BB, DB, SB and DBB Series



### Two-piece Fire Safe Ball Valves

© BI Series



### Air Headers and Distribution Manifolds

© AH and CM Series



### Sample Cylinders



### Condensate Pots and Vessels

© CP Series

© SV Series



### Pressure Gauges

© GA, GB and GC Series



Other Elements

© Thermowells and Bosses



© Syphons



© Flush Rings



© Gaskets and O-rings



Tools and Accessories

Hand Tube Benders

© HTB Series



Tube Cutters

© FTC Series



Manual Presetting Tools

© MPT Series



Hydraulic Presetting Tools

© HPT Series



Tube Deburring Tools

© TDT Series



Bulkhead Retainers

© BR Series



Gap Inspection Gauges

© GIG Series



Individual size



Multiple sizes

### 20D Series Double Ferrule Tube Fittings 10,000 - 20,000 psig



### PMH Series Pipe Fittings 10,000 - 60,000 psig



### 20M Series Medium Pressure Fittings 20,000 psig



### AMH Series Adapter Fittings 10,000 - 60,000 psig



### 60 Series High Pressure Fittings 60,000 psig



### Quick Couplings

10,000 - 30,000 psig

© HQP, HQB, HQS and HQC Series



### Ball Valves

10,000 - 20,000 psig

© 10B, 15B and 20B Series



### Pneumatic Ball Valves

10,000 - 20,000 psig

© ATO, ATC and AOC Types



### Needle Valves

10,000 - 60,000 psig

© 10N, 15N, 20N, 30N and 60N Series



### Pneumatic Needle Valves

10,000 - 60,000 psig

© ATO and ATC Types



### Check Valves

10,000 - 60,000 psig

© 10C, 15C, 20C and 60C Series

© 10CO, 15CO, 20CO and 60CO Series



### Metering Valves

15,000 - 60,000 psig

© 15M, 30M and 60M Series



### Relief Valves

20,000 - 60,000 psig

© HSR, HMR and HAR Series



### Bleed Valves and Block & Bleed Valves

15,000 - 30,000 psig

© 15BV, 20BV and 30BV Series

© 15BN, 20BN, 20DBN and 15DBB Series





## Excess Flow Valves

15,000 - 60,000 psig

© 15EF, 20EF and 60EF Series



## Line Filters

10,000 - 60,000 psig

© 10FD, 15FD, 20FD and 60FD Series

© 10FC, 15FC, 20FC and 60FC Series



## Subsea Valves

10,000 - 20,000 psig

© Subsea Ball Valves, Subsea Check Valves, Subsea Needle Valves and Subsea Hydraulic Directional Control Valves



## Tools

© Manual Coning Tools



© Manual Threading Tools



© Manual Reseating Tools



© Manual Presetting Tools



© Hydraulic Presetting Tools



### Weld Fittings

#### ◎ M Series Micro Weld Fittings



#### ◎ L Series Tube Butt Weld Fittings



#### ◎ A Series Automatic Tube Butt Weld Fittings



#### ◎ T Series Tubular Fittings



### Cylinder Connections

#### ◎ CGA DISS, CGA and DIN Series



### Face Seal Fittings

#### ◎ FR Series Metal Gasket Face Seal Fittings



#### ◎ FO Series O-ring Face Seal Fittings



#### ◎ TFO Series L-ring Face Seal Fittings



## Diaphragm Valves

◎ DQ, DP, DH, DM, DS, DR, DV, DL and DF Series



## Bellows-sealed Valves

◎ SM and SVH Series



## Cylinder Pressure Regulators

◎ FCR-1, FCR-1S, FCR-2 and FCR-1D Series



## Bellows-sealed Metering Valves

◎ MU Series



## Check Valves

◎ CW Series



## Back Pressure Regulators

◎ BPR-1, BPR-2 and BPR-3 Series



## Regulators

◎ FHR-1 Series



## Line Pressure Regulators

◎ FLR-1, FLR-2, FLR-3, FBR-1, HPR-10 and HPL-06 Series



## Pressure Control Panels

◎ FSR-1 and FSR-2 Series



## Point-of-use Panels

◎ FPR-1 and FPR-1S Series



## Changeover Systems

◎ FDR-1, FDR-2, FDR-1L and FDR-1T Series



### Bottle Configuration Sampling Systems

#### © BLA2 - System Purge Type

Sampling from low pressure devices or process lines



#### © BLD2 - Continuous Needle Purge Type

Sampling from medium or high pressure devices or process lines



#### © BLE3 - Back Purge Type with Venturi Unit

Sampling from process lines at atmospheric pressure or vacuum condition



### Cylinder Configuration Sampling Systems

#### © CSF4 - Outlet to Flare Type with Expansion Chamber

For liquefied gas sampling



#### © CGG1 - System Purge Type

For gas sampling



## Instrumentation Tubing

### ◎ TMP Series

Straight-length tubing  
2.6%Mo tubing optional



### ◎ TCT Series

Supplied up to 2130 ft (650 m) in coils



## Medium and High Pressure Tubing

### ◎ T15 Series

Pressure up to 15,000 psig



### ◎ T20D Series

Pressure up to 20,000 psig,  
use with 20D series double  
ferrule tube fittings



### ◎ T20M Series

Pressure up to 20,000 psig,  
use with 20M series medium  
pressure fittings



### ◎ T60 Series

Pressure up to 60,000 psig



## High Purity Tubing

### ◎ TBA and TEP Series

TBA series: inner surface roughness  
 $Ra \leq 20 \mu\text{in.}$  ( $0.51 \mu\text{m}$ ), for high purity  
gas systems;

TEP series: inner surface roughness  
 $Ra \leq 10 \mu\text{in.}$  ( $0.25 \mu\text{m}$ ), for ultra high  
purity systems;



## Jacketed Tubing and Insulated Tubing

### ◎ TJT and TIT Series

TJT series: PVC jacketed tubing

TIT series: fibrous glass insulated tubing

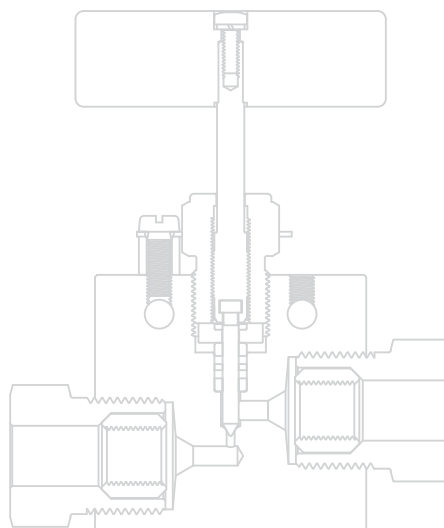
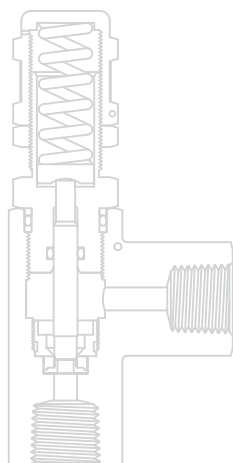
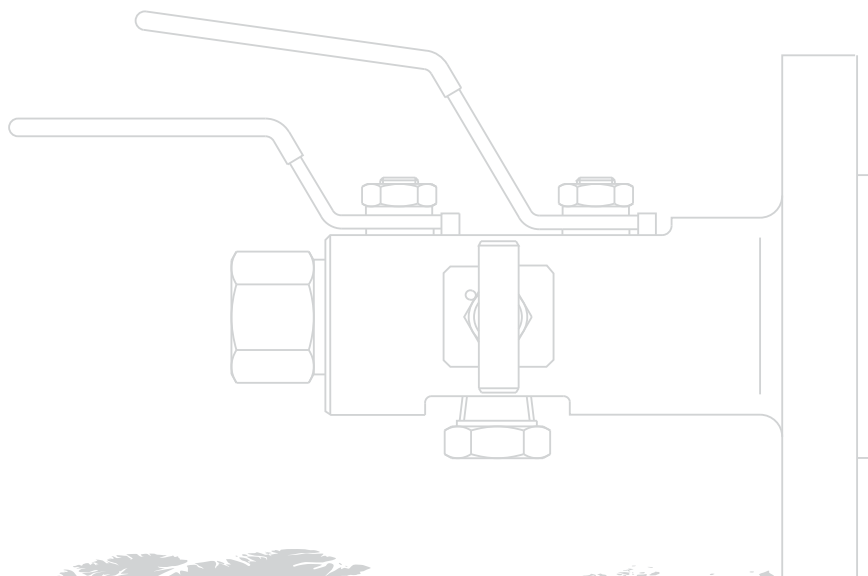


## Heat Trace Tubing

### ◎ TST Series

Steam trace





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