



DISTRIBUÉ PAR :



L'offre globale
pour l'industrie

Instrumentation Process Valves & Fittings



We Offer

HEADQUARTERS
Hayward, California, USA

STOCK
UCTT (Nasdaq)

FOUNDED
1991

REVENUE (2020)
\$2.1B

EMPLOYEES
~6,000



Process Instrumentation & Control

- Innovative control systems for critical applications
- One stop solution for petrochemical and chemical industries



Custom Design & Manufacturing Partner

- High quality, global manufacturing expertise
- Propriety and state of the art production systems (IP, R&D)
- Global outsource manufacturing capabilities



Component Cleaning Services & Analytics

- High-precision cleaning and coating capabilities
- ChemTrace analysis for trace contaminants in industrial & semiconductor applications

UCT Fluid Solutions

HQ:

ISRAEL

Website:

www.uct.com/products/fluid-solutions/

Global Presence

56

Regional sales and
Support centers

8

Manufacturing
Centers WW

10

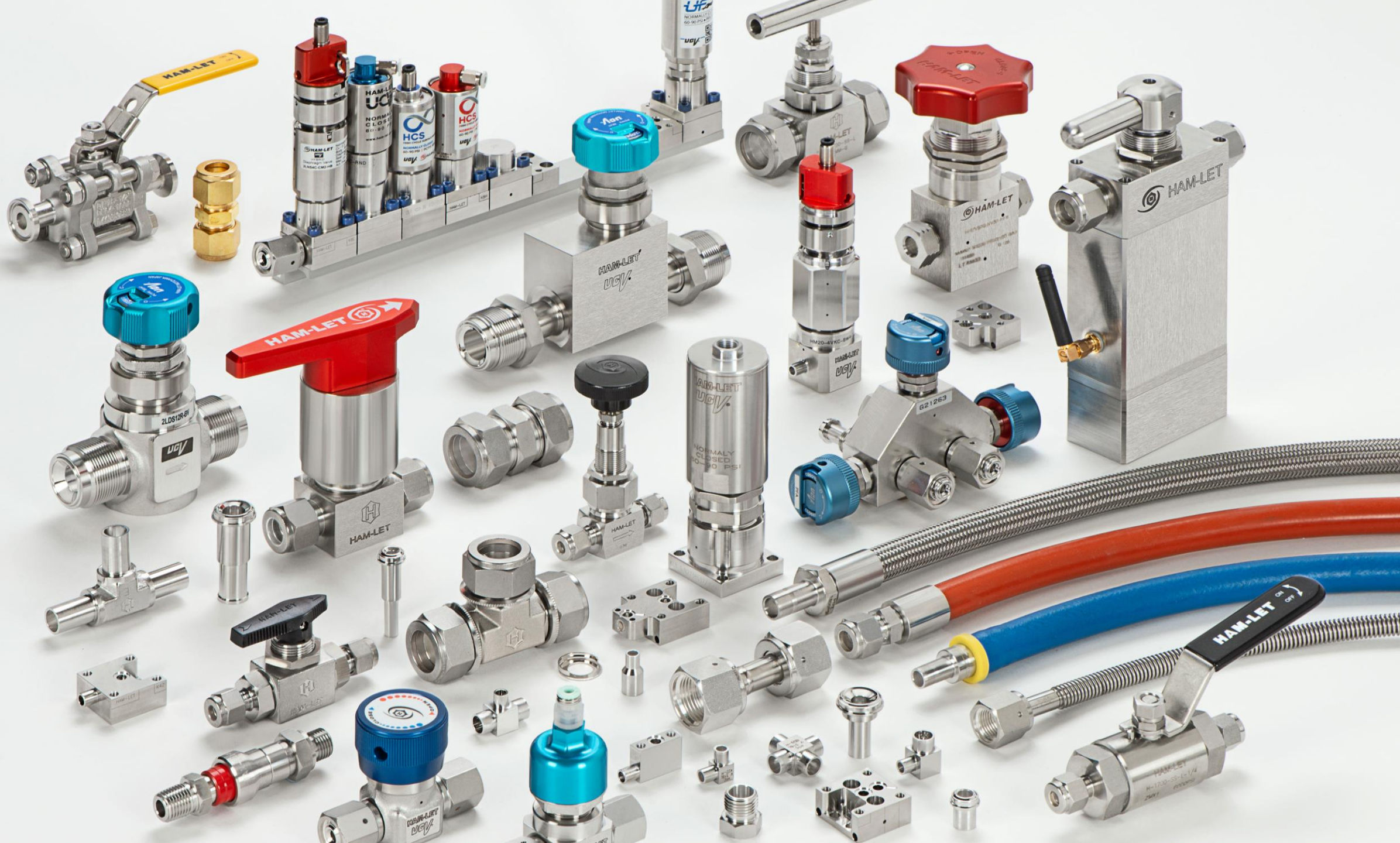
Registered
brands

81

Countries where FS
Products are sold

300

Established
Distribution networks



Connectors



LET-LOK®
Compression Tube Fittings
Sizes: 1/16" to 2" 3mm to 50 mm
Pressure: Up to 12,000 psi



ONE-LOK®
Single Ferrule Fittings
Sizes: 1/16" to 1" 3mm to 25 mm
Pressure: Up to 12,000 psi



PIPELINE
Instrument Weld Fittings
Sizes: 1/16" to 2" 3mm to 25 mm
Pressure: Up to 11,000 psi



FLANGS
Ham-Let Flanges Adapter
Flange Connectors for Let-Lok & NPT
Male/Female fittings up to 2"



WELD LINE
37° Flare Fittings
Sizes: 1/8" to 2"
Pressure: Up to 5,000 psi

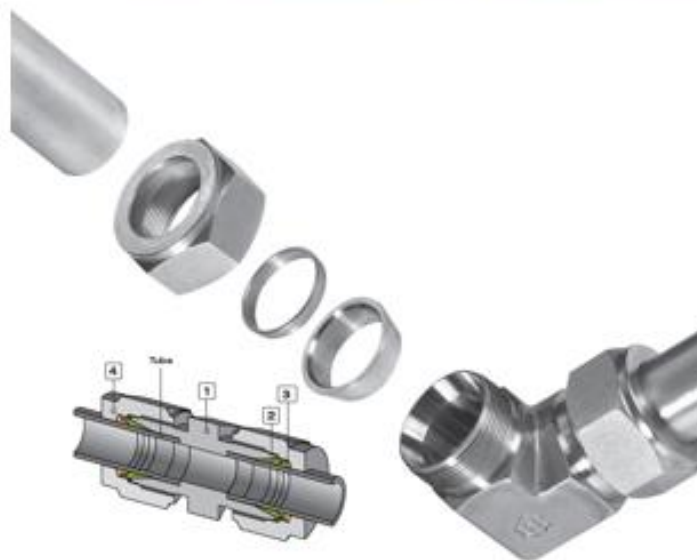
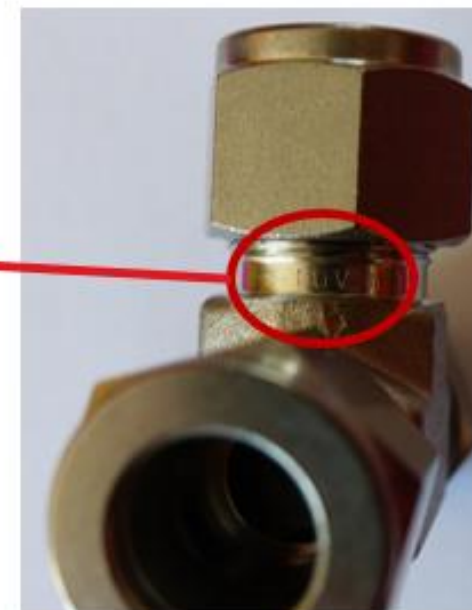


Our Tube and Pipe fittings are EC79 certified for onboard vehicles and undergo annual rigorous helium testing by a 3rd party lab to ensure our customers that we keep meeting the highest industry standards.

Let-Lok – Compression fitting TUV approved



- 100 bar Helium leak test
- Other brands interchangeability test

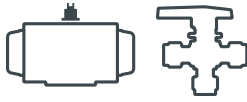


European stainless steel!



PRECIFORGE

Instrumentation Valves & Actuators



Fugitive Emissions Free – EF Series
MAWP: 2500 psi (206 bar)
MAWT: 140°F (60°C)



High Pressure Trunnion Ball Valves – TBV Series
MAWP: 10000 psi (689 bar)
MAWT: 446°F (230°C)



High Performance Ball Valves – H-6800 Series
MAWP: 6000 psi (413 bar)
MAWT: 500°F (260°C)



Heavy Duty Ball Valves– H-1700 Series
MAWP: 6000 psi (413 bar)
MAWT: 500°F (260°C)



3 Piece Ball Valves– H-500 Series
MAWP: 3000 psi (206 bar)
MAWT: 450°F (323°C)



Compact One Piece Ball Valves H800 Series
MAWP: 3000 psi (206 bar)
MAWT: 300°F (149°C)



Ball Valves with Locking Device H-700 Series
MAWP: 2000 psi (137 bar)
MAWT: 400°F (204°C)



Metering Ball Valves MBV Series
MAWP: 2,000 psi (137 bar)
MAWT: 300°F (150°C)



High Pressure Needle Valves H-99 Series
MAWP: 10000 psi (690 bar)
MAWT: 1200°F (648°C)



Integral Bonnets Needle Valves H-300U Series
MAWP: 5000 psi (345 bar)
MAWT: 446°F (230°C)

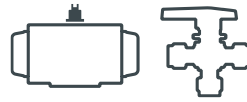


Metering Valves H-1300 Series
MAWP: 2000 psi (137 bar)
MAWT: 400°F (204°C)



Our Ball valves and Needle valves series are certified to ISO 15848-1, ensuring the lowest fugitive emissions rates and maximum safety for hydrogen handling.

Instrumentation Valves & Actuators



Check Valves
H-400 Series

MAWP: 6000 psi (413 bar)
MAWT: 400°F 204°C)



Relief Valves – H-900 & H-900HP Series

MAWP: 6000 psi (413 bar)
MAWT: 300°F (148°C)



Filter
H-600 Series

MAWP: 6000 psi (413 bar)
MAWT: 248°F (120°C)



QCLOK
Quick Connector

MAWP: 1500 psi (103 bar)
MAWT: 140°F (60°C)



Media Header
HMH Series

MAWP: 1000 psi (69 bar)



Excess Flow Valves
H-911 series

MAWP: 6,000 psi (413 bar)
MAWT: 400°F (204°C)

Pneumatic Actuators

Pneumatic Rack and Pinion Actuators



Instruments



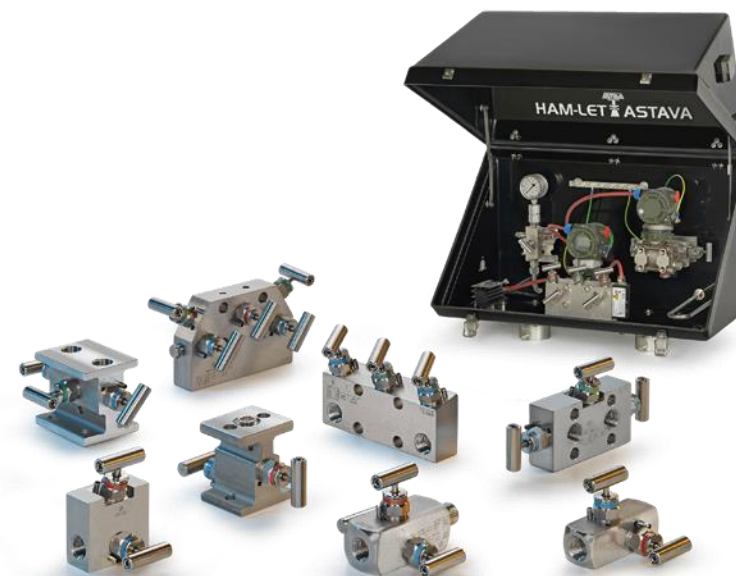
PRESSURE GAUGES



PRESSURE REGULATORS



MANIFOLDS INSTRUMENT ENCLOSURES



Hoses



- Long life cycle
- High electricity resistance

- Eliminates condensation form
- Flexible

Metal hose



Size: 1/4" - 2"
Pressure range:
Vacuum to 6000 psi
Temperature range:
254°C - 705°C

PTFE Hose



Size: 1/8" - 2"
Pressure range:
Vacuum to 4000 psi
Temperature range:
73°C - 260°C

Rubber



Size: 1/4" - 1"
Pressure range:
Vacuum to 300 psi
Temperature range:
40°C - 88°C



High Pressure

Pressure Range: up to 60,000 psi



High Pressure Fittings

HHP Series

MAWP: 60000 psi (4136 bar)



High Pressure Valves

HHP Series

MAWP: 60000 psi (4136 bar)

MAWT: 140°F (60°C)



High Pressure Check Valves

HHP Series

MAWP: 60000 psi (4136 bar)



High Pressure Filter

HHP Series

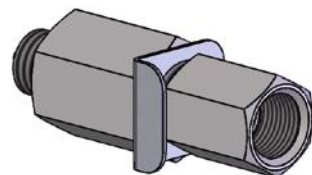
MAWP: 30000 psi (2068 bar)



High Pressure Quick connectors

HHP Series

MAWP: 36000 psi (2482 bar)



High Pressure Rupture Disc

HHP Series

MAWP: 60000 psi (4136 bar)



Nipples & Tubes

HHP Series

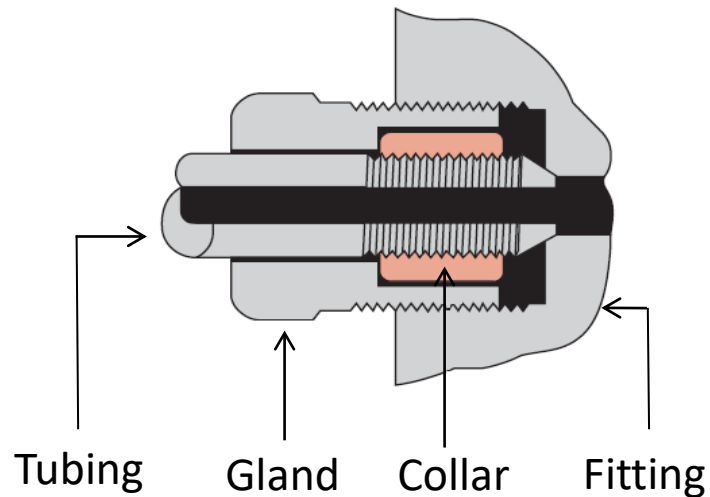
MAWP: 60000 psi (4136 bar)



Tool accessories

Cone & Thread Connection – Why?

- Compression sleeves method – no appropriate sealing and gripping at high pressure levels.
- Tubing is cold drawn instead of annealed for strength.



Smart Flow Control



PRODUCT PORTFOLIO



IoT 900
RELIEF VALVE



IoT H-800 WLS
ACTUATED BALL VALVE



IoT GATEWAY



IoT H-800 WLS
WIRELESS BALL VALVE



IoT H-800 ETH
BALL VALVE

Manifolds



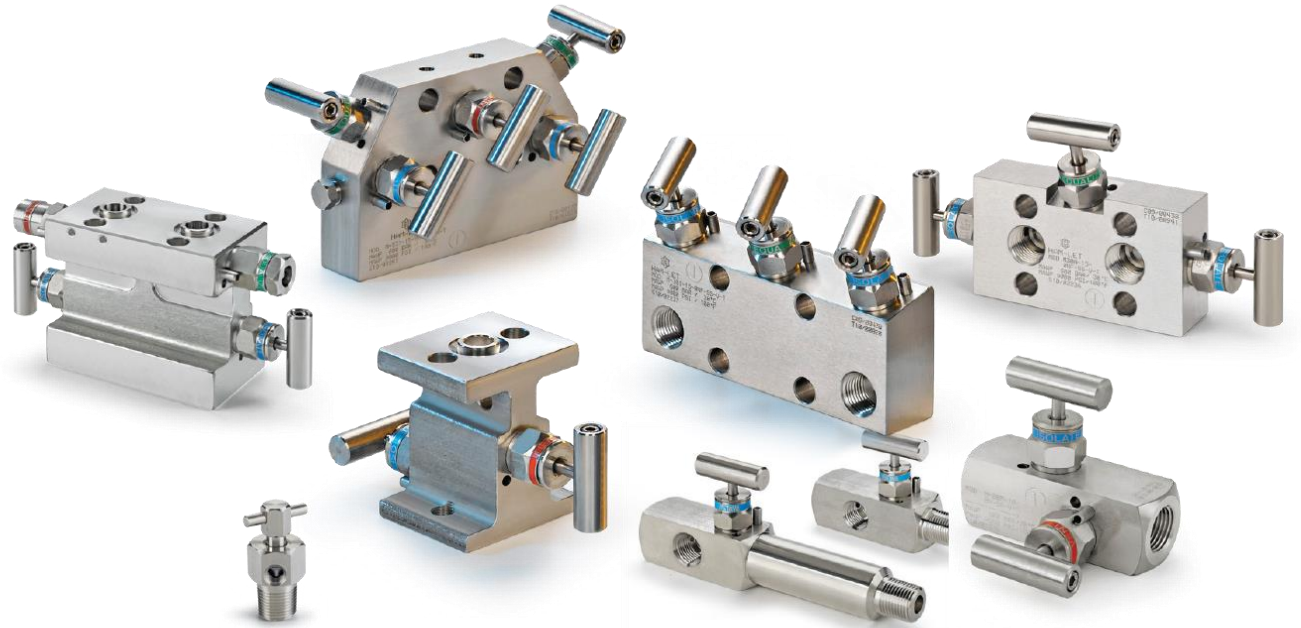
MANIFOLDS INSTRUMENT ENCLOSURES

UCT Fluid Solutions offers a broad line of 1,2,3,4,5 instrument manifolds, all available in a wide range of materials that are fully compatible with the requirements of the Oil & Gas, Petro-Chemical and Chemical industries.

In addition to this standard range of products, UCT has over 3,500 different types of valves and manifolds available.

1|2|3|4|5

WAY MANIFOLDS

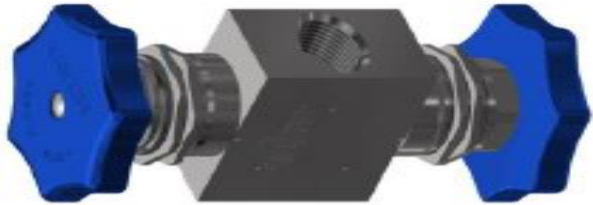


High Pressure Manifolds

Pressure Range: up to 30,000 psi

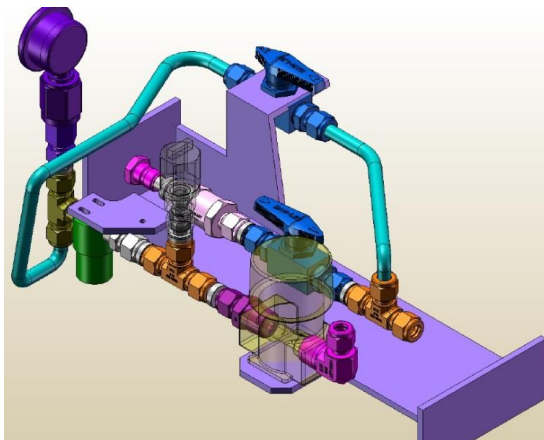


PRODUCT PORTFOLIO



Customized Solutions

Customer design

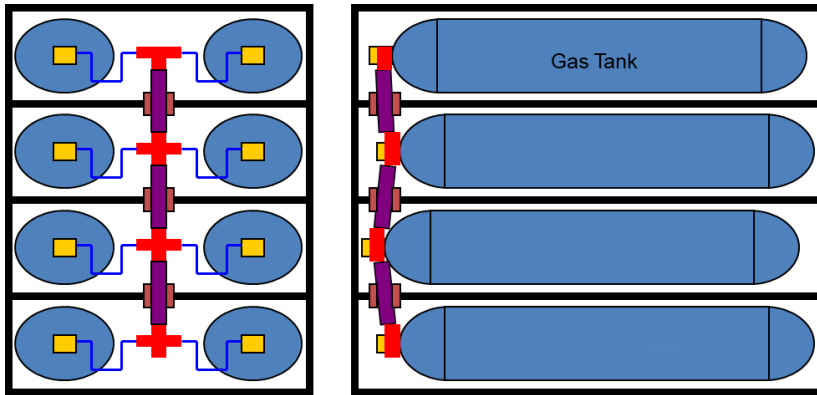


Ham-Let solution



Customized Solutions

Customer design



Ham-Let solution

