



ROTAREX

VALVES - FITTINGS - REGULATORS



**THE GAS CONFIDENCE
COMPANY**

WORLD LEADERS IN VALVES, REGULATORS AND INSTRUMENTATION FOR PRESSURIZED GAS SYSTEMS



Rotarex is a world leader in valves and equipment for pressurized gas applications. Our commitment to technical excellence and quality make gas engineers more confident in the safety, control and performance of their gas systems.

We combine our expertise of almost 100 years serving the gas industry with a world-class R&D infrastructure, and global supply network to deliver technical excellence, premium-quality and global service.

ALMOST 100 YEARS OF GAS EXPERTISE

Rotarex has a long heritage of excellence in the field of pressurized gas and applies that accumulated expertise to continually better products and services. The company has grown into a world leader, but the core founding values still guide the company today:
TECHNICAL EXCELLENCE - QUALITY - RESPONSIVE SERVICES



1922

The CEODEUX company founded in Luxembourg as a CO2 gas producer by A.T Schmitz



1950's - 1960's

- CEODEUX becomes regional leader in the LPG segment
- Continued innovations in valve design

1920's

1930's

1940's

1950's

1960's

1970's

1926

Rotarex designs and patents its first cylinder valves for CO2, fire and acetylene



1940's

- Rapid growth of the LPG segment
- Schultz-Rackow gas technik founded in Germany
- Edgard Schmitz becomes CEO
- Post War production modernization





2000's

- Asian and Middle East expansion
- Chinese & Brazilian factories opened
- Continued innovations & acquisitions

SMT Pressure Regulators

SAGANA Fittings

SELFA UHP

GAZEL UHP

MEROBEL



Meditec

UHP Cylinder Valves (Puretec)

Indutec



Cryotec



1980's

- Rotarex pioneers the ultra high purity segment
- Dedicated business units created
- The Rotarex company name introduced



70's

1980's

1990's

2000's

2010's



BEYOND

Fire suppression valves

FireDETEC

Fire Extinguisher Squeeze Handle



Tank valves and Regulators

Cylinder valves and Regulators

Clip-on System



H2
LPG Automotive
CNG



Water Carbonation Valves
Bubblebox



1970's

- Jean-Claude Schmitz becomes CEO
- First R&D Centers
- Production optimization to gain a manufacturing advantage



1990's

- Geographic expansion accelerates
- Regulators & Fittings expansion through acquisition

SRG
SMT
SAGANA
SELFA
GAZEL
MEROBEL



TODAY

- A global leader in gas control equipment
- Active in over 65 countries
- € 150 million annual sales
- A family owned enterprise



WORLDWIDE SERVICE INFRASTRUCTURE

Our global network of factories, distribution centers and service centers mean efficient, local service - every where you are in the world.



10 Factories **26** Sales / Service Centers **1200** Employees

Lintgen, Luxembourg



Dijon, France



Blois, France



Pittsburgh, USA



Sao Paulo, Brazil



Holzem, Luxembourg



Gladenbach, Germany



Germany



Praha, Czech



Shanghai, China



INNOVATION

- ★ Over 100 patents
- ★ Vast in-house R&D infrastructure
- ★ 5 R&D Centers of Excellence
- ★ Continual flow of Innovation



Rotarex excels at innovation and delivering state-of-the-art technical excellence. With over almost 100 years of expertise, a responsive in-house R&D infrastructure and multiple advanced technology collaborations with European universities, Rotarex embraces applied technology innovation and continually brings new solutions to market.

Over half our innovations are developed for individual customers. We maintain a large staff of engineers dedicated to design and validate applied-technology bespoke solutions within short leadtimes.

[Learn more about our technology breakthroughs at www.rotarex.com/innovation](http://www.rotarex.com/innovation)

QUALITY

- ★ All facilities ISO 2001: 2008 Certified
- ★ Independent 3rd party certifications
- ★ 100% performance testing
- ★ 90% vertical integration of supply chain
- ★ Pure traceability class 7 clean room and medical clean room production



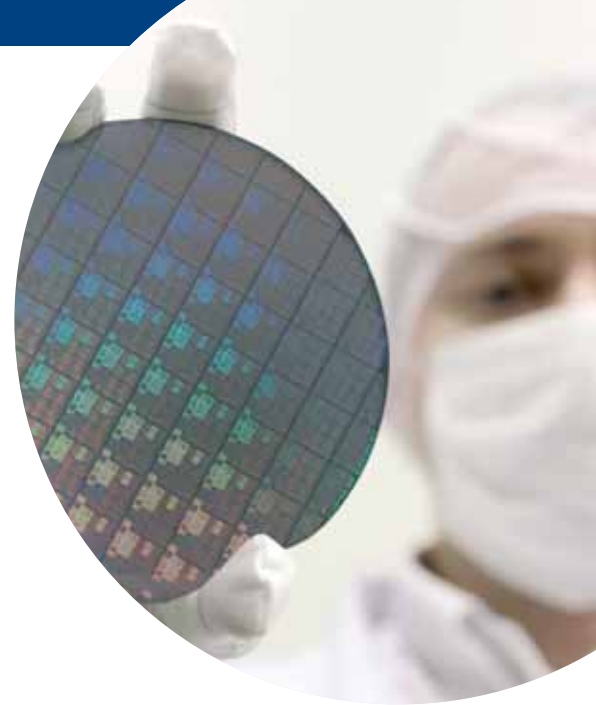
Rotarex designs its products to deliver outstanding performance and to last longer. We enjoy a reputation for some of the highest quality products in the industry. Combined with rigorous quality discipline in every factory around the world, Rotarex delivers exceptionally reliable products that help improve safety, control and productivity of gas operations.

Rotarex is a trusted partner to major OEM manufacturers with exceptionally high quality assurance standards.

[Learn more about quality at www.rotarex.com/quality](http://www.rotarex.com/quality)

ULTRA HIGH PURITY VALVES

Cylinder valves up to 400 bar for high and ultra high purity gases above purity grade 7 used in micro-electronic and semi conductor manufacturing. Includes packed seal, diaphragm seal and tied-diaphragm seal technologies for all global standards. **PURETEC**



INTEGRATED VALVES



VALVES WITH FLOW REGULATOR INTEGRATED



VALVES WITH PRESSURE REGULATOR INTEGRATED

TIED-DIAPHRAGM VALVES



STANDARD VALVE WITH PNEUMATIC ACTUATOR



TON TANK VALVE

DIAPHRAGM VALVES



RPV IN LINE VALVE



DUAL PORT VALVE

PACKED VALVES



RPV OFF LINE VALVE

LINE VALVES



VALVE FOR INERT GAS



VALVE FOR CORROSIVE GAS

MEDICAL VALVES & EQUIPMENT

For medical-grade oxygen and other medical-grade gases used for patient therapy. Includes a full range of cylinder valves and pressure/flow regulators for portable gas applications, as well as complete medical gas distribution systems for hospitals.



INTEGRATED VALVES



VIPR VALVES



BACKPACK SYSTEMS

STANDARD VALVES



STANDARD VALVES WITH RPV

PRESSURE / FLOW REGULATORS



ALPINOX REGULATORS



ALPINOX PIN INDEX



ACCESSORIES

GAS SUPPLY SYSTEMS



SWITCH OVER BOARDS AND SUPPLY BOARDS



REGULATORS



SECTION VALVES



TERMINAL UNITS

See all our medical solutions
www.ceodeuxmeditec.com

INDUSTRIAL CYLINDER VALVES

Cylinder valves up to 450 bar for industrial-grade gas applications used in industrial processing and welding. Includes technologies for CO₂/inert gases, O₂/oxidizing gases, Acetylene as well as technologies for specialized applications. Available in all global standards. **INDUTEC**



INTEGRATED VALVES



VIPR VALVE



BALLOON VALVE



SMALL CONE VALVE FOR O2 AND N2O

RPV VALVES



IN LINE RPV STANDARD DIMENSION VALVE



OFF LINE RPV STANDARD DIMENSION VALVE

STANDARD VALVES



STANDARD DIMENSION VALVE FOR CO2 AND N2O



STANDARD DIMENSION VALVES FOR CO2

BUNDLE & FILLING STATION VALVES



LINE AND ANGLE BUNDLE VALVE



PRESSURE REDUCER

ALL-IN-ONE SYSTEM



COMBO CLIM FOR HVAC APPLICATIONS

REFRIGERANT CYLINDER VALVES

Cylinder valves for industrial-grade refrigerant gas applications used in industrial refrigeration and air-conditioning manufacturing. Includes o-ring, diaphragm seal and packed-seal technologies as well as one of the most energy-efficient solenoid line valves in the industry. **CRYOTEC**



DIAPHRAGM SEAL



DUAL-PHASE



SINGLE-PHASE

O-RING SEAL



SINGLE-PHASE



DUAL-PHASE



TUBE TRAILER

SPECIAL & PACKED SEAL VALVES



NH₃/C₂H₄/OXIDE AND AMINES



DIP TUBE

SOLENOID



CONFIGURABLE

See all our refrigerant gas solutions
www.rotarex.com

PRESSURE REGULATORS

High pressure cylinder regulators and low-pressure line regulators for specialty gas applications such as laboratory and chemical processing. A wide range of high and low-pressure technologies with varying degrees of flow and pressure precision, for every requirement. [SMT](#), [SELFA](#)



CYLINDER REGULATORS



CARTRIDGE SINGLE STAGE



CARTRIDGE DUAL STAGE



HIGH FLOW

LINE REGULATORS



ULTRA HIGH PURITY



SPECIALTY GAS



INDUSTRIAL



ULTRA COMPACT POINT OF USE FOR LABORATORY

POINT OF USE

ACCESSORIES



CYLINDER CONNECTORS



PRESSURE GAUGES

See all our pressure regulators solutions
www.rotarex.com

SUPPLY & SWITCH OVER BOARDS

200 bar and 300 bar supply boards and switchover boards for supply-zone control of specialty gases, such as in laboratory and chemical processing applications. Includes varying degrees of automation, depending on the requirement. [SMT](#)



SUPPLY BOARDS



SPECIALTY GAS



ULTRA HIGH PURITY



INDUSTRIAL

SWITCH OVER BOARDS



SPECIALTY GAS



ULTRA HIGH PURITY



INDUSTRIAL

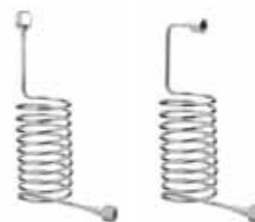
ACCESSORIES



CYLINDER CONNECTORS



DATA MANAGEMENT SYSTEM



CONNECTIONS

See all our supply control solutions
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LINE VALVES

A complete range of line valves for almost every application, including UHP, high-purity, cryogenic, specialty gas, refrigeration and industrial processing. Delivers maximum safety, control and productivity. **SELFA, PURETEC, INDUTECH**



ULTRA HIGH PURITY



TIED DIAPHRAGM



BELLOWS

INDUSTRIAL



SERIES 4



SERIES 70



SERIES 8



SERIES BV 302 - HP

INDUSTRIAL



2-3-5 MANIFOLDS

CRYOGENIC



SUPRA VALVE

SPECIALTY GAS



HP 9000



VM 200

See all our line valves solutions
www.rotarex.com

FITTINGS & CONNECTORS

One of the broadest ranges of fittings in the industry. A full range of double-ring compression fittings, ultra high purity fittings, weld fittings, micro fittings and pipe fittings. **SAGANA, GAZEL**



COMPRESSION FITTINGS



DOUBLE RING FITTINGS



DOUBLE RING ADAPTORS



ACCESSORIES

UHP FITTINGS



FACE SEAL



WELD FITTINGS



SPACE SAVER

PIPE FITTINGS



FITTINGS



ADAPTORS

CONNECTORS



CYLINDER CONNECTORS



CONNECTIONS

See all our fittings and connectors solutions
www.rotarex.com

FIXED-INSTALLATION FIRE SYSTEMS

The world leader in valve technologies for fire suppression applications, including a range of components and accessories for complete fixed installation systems. Inert gas, CO₂ and clean agent solutions. VDS approvals. **FIRETEC**



INERT GAS SYSTEMS



CYLINDERS / VALVES



ACTUATORS



DISCHARGE SUBSYSTEM



DIMES

CO₂ GAS SYSTEMS



CYLINDERS / VALVES



ACTUATORS



DISCHARGE SUBSYSTEM



DIMES

CLEAN AGENT SYSTEMS



CYLINDERS / VALVES



ACTUATORS



DISCHARGE SUBSYSTEM

See all our fixed system solutions
www.rotarexfiretec.com

OBJECT FIRE SUPPRESSION SYSTEMS

Rotarex designs and manufactures the FireDETEC® object protection system, extra protection for all electrical, mechanical and chemical enclosures, as well as small commercial kitchens and vehicle engines. The systems are UL, FM, SP and LPCB approved. [FIREDETEC](#)



PRE-ENGINEERED SYSTEMS



ELECTRICAL



MECHANICAL



KITCHEN



VEHICLE MOTORS

COMPONENTS



DETECTION SUBSYSTEM



DISCHARGE SUBSYSTEM

SPECIAL APPLICATIONS



DIMES



SMOKE DETECTOR



DIRECTIONAL VALVES



ABC DRY CHEMICAL

See all our Firedetec range
www.rotarexfiretec.com

AUTOMOTIVE VALVES & REGULATORS

Filling valves, tank valves, regulators and accessories for CNG, LPG and H₂ gas-powered vehicles such as automobiles, trucks, scooters, and forklifts. Specialized in bespoke solutions for many of the world's largest vehicle producers. [AUTOMOTIVE, SRG](#)



CNG (ROTAREX AUTOMOTIVE)



TANK VALVES



REGULATORS



ACCESSORIES

LPG (ROTAREX SRG)



MULTI-VALVES



TANK VALVES



FILLING ADAPTORS

WATER CARBONATION

The world leader in valves and regulators for water carbonation technologies. Includes OEM technologies for many of the world's most demanding water carbonation machine producers, as well as complete in-line carbonation systems for domestic use. **SOLUTIONS**



SYSTEMS



BUBBLEBOX



CARBONATION SUBSYSTEM

COMPONENTS



CYLINDER VALVES



REGULATORS



COMPENSATORS



CONNECTORS

LPG TANK VALVES & REGULATORS

The world-leader in premium-quality valves, regulators and level gauges for LPG storage tank applications. Incorporates the leading technologies of the Schulz-Rackow Gastechnik (SRG) company based in Germany. [SRG](#)



TANK VALVES



MULTI-VALVES



FILLER VALVES



VAPOR SERVICE



FILLSTOP VALVES

TANK VALVES



LIQUID TAKEOFF



HANDWHEEL VALVE



INTERNAL



EXTERNAL

SAFETY RELIEF VALVES

TANK REGULATORS



TWIN STAGE



SINGLE STAGE

LEVEL GAUGES



PLOAT GAUGES

See all our LPG solutions
www.rotarex.com

LPG CYLINDER VALVES & REGULATORS

The world-leader in premium-quality valves and regulators for LPG portable cylinder applications. Incorporates the leading technologies of the Schulz-Rackow Gastechnik (SRG) company based in Germany. [SRG](#)



JUMBO SYSTEM



CLIP-ON VALVES



CLIP-ON REGULATORS

COMPACT SYSTEM



CLIP-ON VALVES



CLIP-ON REGULATORS

SNAP-TIGHT SYSTEM



SNAP-TIGHT VALVES



SNAP-TIGHT REGULATORS

BAYONET SYSTEM



BAYONET VALVES



BAYONET REGULATORS

MINI-JUMBO SYSTEM



VALVES



REGULATORS

FORKLIFT



CYLINDER VALVES



MLD

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DIGITAL MEASUREMENT SYSTEMS

A complete range of digital measurement devices for CO₂, cryogenic and LPG gases. Improves productivity via more accurate digital gas level measurement with options for telemetric monitoring. [CMT](#)



FIRE SUPPRESSION



DIMES DIGITAL MEASUREMENT SYSTEM

MEDICAL



INTELLIGENT MANAGING SYSTEMS

CRYOGENIC



C-STIC CRYOGENIC DIGITAL MEASUREMENT SYSTEM

LPG FORKLIFTS



MLD MINIMUM LEVEL DETECTION SYSTEM

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PLASTIC INJECTION MOULDING

Our own in-house plastic injection moulding production that maintains our tight quality control standards is available for custom injection-moulding production projects. **EIFEL-SPRITZGUSS**



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MIDDLE EAST

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