

Since 1922

















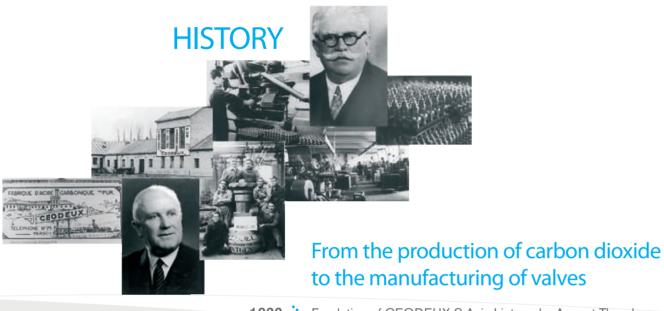














1930 - 1950 First developments and fabrication of valves for industrial gases and fire suppression.

1947 Edgard Schmitz takes over the management of CEODEUX S.A.

1950 - 1970 : Development of the first valves for cylinders and carburation valves for Butane-Propane.

1970 - 1980 : Jean-Claude Schmitz enters the management of the company and starts an ambitious expansion plan. Creation of a specialized R&D department. Sales start on a European level.

1980 - 1990 : ROTAREX goes global. Creation of ROTAREX S.A., regrouping all the companies of the group including the historic Ceodeux. Business units are created in order to better serve the customers needs. Expansion of the sales network throughout Europe and opening of the first office in the USA, Pittsburgh PA.

1990 - 2000 : Futher increase of the R&D and production capabilities on a global scale Establishement of numerous sales offices throughout the world: Tokyo, Singapore, Seoul, Moscow, Sao Paulo

2000 - till today : Creation of ROTAREX Automotive.
Rotarex enters the Hydrogen age with numerous Industrial and Automotive partners.

Opening of a manufacturing plant and office in Shanghai China. Opening of a logostics center in Campinas Brasil. Establishement of a distributors network on a global scale.



Rotarex,

With over 85 years of experience, we can proudly say that we are able to offer products with the quality, innovation and service that our customers all over the world are looking for.

Our strength is our integrated production process as well as a state of the art R&D center combined with our global presence where we fulfill our customer need.

We engineer "made to order" products and provide our customers with ever more innovative and qualitative solutions.

I would like to take this opportunity to sincerely thank all our customers for their long term loyalty.

Chairman J-C Schmitz









ROTAREXWorldwide

Rotarex in numbers

1500 People worldwide

10 Factories

17 Offices

22 Distributors

4 R&DLabs

Semiconductor, photovoltaic & flat panel

Industrial gases

Oil & Gas

Automotive

Healthcare & medical

Fire protection

Transportation & storage

Cryogenics & refrigeration

Laboratories

Welding

Aerospace

Leisure industry

Food & beverage

Domestic use

Diving

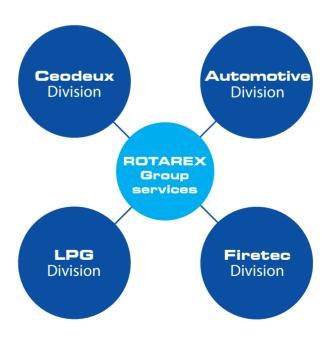
Research, development & Innovation

ROTAREX is proud of its continous investment over the past 30 years in new technologies, product and valve design, as well as machining. Today the company works with stainless steel, aluminium, brass, hasteloy, and more recently also plastic.





ROTAREX Group COMPANY STRUCTURE



ROTAREX today

has the know-how and experience to custom design, develop and manufacture high pressure valves and regulator suited to your needs. Rotarex offers all peripheral services and accesories, from source to process.

Orbital welding, electro polishing and assembly in a clean room are many aspects of the knowhow ROTAREX posesses in a multitude of fields. All these methods are developed and finalized in the research and development center of Luxembourg.



CEODEUX Puretec

Puretec offers Ultra high purity (UHP) cylinder valves for reactive, corrosive and toxic gases. Puretec is the leader in semiconductor and UHP applications.

D 350

Description:

cylinder valves, tied

diaphragm seal type, for

ultra high purity gases

High pressure, air operated

D 131

High pressure, air operated valves for bundles, packed needle stem design, for corrosive high purity gases



High pressure cylinder valves, 2-piece sturdy stem design with self adjusting, spring loaded gland packing, for corrosive technical gases

D 300

D 160

Description:

High pressure cylinder valves, diaphragm seal type, for high purity gases



High pressure cylinder valves, tied diaphragm seal type, for ultra high purity gases



D 330

D 200

High flow tube trailer or ton container valves, tied diaphragm seal type, for ultra high purity corrosive gases



D 335

High flow cylinder valves, tied diaphragm seal type, for ultra high purity corrosive gases



D 339

Description:

High pressure, high flow cylinder valves, tied diaphragm seal type, for NF3 and oxydizing gases



D 340

Description:

High flow cylinder valves, dual port, tied diaphragm seal type, for ultra high purity gases



D 385

High flow cylinder valves, tied diaphragm seal type, pneumatic actuated, for ultra high purity corrosive gases



D 388

High flow cylinder valves, tied diaphragm seal type with knife edge seat, Vespel seat disc, pneumatic actuated, for ultra high purity Silane and Diborane applications



C045

200bar CO2 valve, typically with Ø8mm seat orifice w/wo safety (190/250bar)

C1xx/C2xx



200/300bar diverse gas valve, typically with Ø4mm seat orifice w/wo safety (190/250bar)



C97x

СЗхх

Description: Small cone valve 200/300bar diverse gas w/wo safety (190/250bar)

C400



Description: 30bar Acetylene C2H2 yoke or thread outlet round or oval hand wheel w/wo safety



200/300bar breathing valve brass or aluminum w/wo manometer w/wo unintentional operation hand wheel w/wo filter or tubes

RPV valves C5xx



200/300bar for O2, CO2 or diverse gas inline and offline versions w/wo safety also as Y-valve and for bundle applications

C80x Integrated front view



200/300bar Integrated valves for C2H2, Ar and O2 integrated 1-stage regulator (flow or pressure) front view manometer protection caps available up to 150kg

C8xx VIPR - top view



200/300bar Integrated valves for C2H2, Ar and O2 1 stage regulator (flow or pressure) top view manometer protection caps for 40/60/150kg

Y-Valve C041/C046



200/300bar CO2 valve 1 big or 2 small hand wheels hand wheel in black/red/ blue/aluminum vapor/liquid phase extraction

Bundle valve



C14x for O2 or diverse gases 300bar 10mm seat orifice line or angle version

Turn parts

Custom made 100's of threads available

CEODEUX

Indutec offers cylinder valves

for industrial gases. Valves and

accesoories are available for all

standard and specilaty gases

up to purity 4.5, 200 or 300 bar 0-ring type for cylinders and bundles.

Indutec



CEODEUX Meditec

Meditec offers valves, fittings, for all medical gases. Meditec products have a application in hospitals, home care and emergency applications.

M706

Medical integrated valve for oxygen with flowmeter



Automatic, semi-automatic

Switchover board

and manual Switchover boards for continuous supply of medical gases.



M706

Medical integrated valve for oxygen with flowmeter, medical connector and guard



Regulator

M730:pressure regulator with preset flow settings for 200 bar oxygen cylinder



Pin Index

M966: Pin Index valve for oxygen and medical gases



Small cone M972 / M978

M972: small cone valve for 200bar medical oxygen M978: with RPV in line



Pin Index

Description:

M650: Pin Index valve for oxygen and medical gases with RPV . M661(new): Pin Index valve for oxygen and medical gases with nonactive RPV 3 bar min



Pin Index Regulator

Description:

M730: pressure regulator with preset flow settings for 200 bar oxygen cylinder valve pin index type



Medical quick couplings

Medical connectors for Scandinavia, France, Germany, USA (DISS) and many more.



M100

Cylinder valve for medical oxgen.



RPV

200/300 bar cylinder valve for medical oxygen with RPV inline and offset.



F110/F111 Serie



Double O-ring brass cylinder valve for refrigerants Max. pressure: 46bar Optional : Safety relief valve (F111) Dip tube, Filter, Cap nut, Refill Protection Device

(ref.F6...)

(ref.F4...)

F230 Serie

Description:

Dual phase brass cylinder valve for refrigerants with safety relief valve Max. pressure: 46bar Optional: Dip tube, Filter, Cap nut

(F230)

(F211)

(ref.F7...)

(direct)

(ref.F4...)

F105/F106 Serie

Diaphragm brass cylinder valve for refrigerants Max. pressure: 46bar Optional: Safety relief valve (F106), Dip tube, Filter, Cap

nut Refill Protection Device



F211 Serie

Description: Dual phase diaphragm brass cylinder valve for refrigerants with safety relief valve (or cart.) Max. pressure: 46bar Optional: Dip tube, Filter, Cap nut, Refill protection Device

F112/F113 Serie (ref.F5...)

EMV 40LPI Serie

Brass container valve for refrigerants. Max. pressure: 46bar

Brass solenoid shut-off valve for

refrigerants, water, compressed

air Max pressure: 40har

Tightness: PTFE & EPDM.

Optional modules : Manual

operation, Filter, Check valve,

Sight glass, Also in stainless steel

Optional: Safety relief valve (F113) Dip tube, Filter, Cap nut, Refill Protection Device

(indirect)

F120 Serie

Description: Package sealed Steel cylinder valve for ammonia (zinc plated) Max. pressure: 33bar (70bar) Optional: Dip tube, Filter, Cap

nut, Refill Protection Device

EMV 30LPD Serie

Brass solenoid shut-off valve for refrigerants, water, compressed Max. pressure: 30bar (25)

Tightness: EPDM, FPM, CR Optional : FPM or CR sealing, Stainless steel core

F101 Ethylene oxyde / F101 Propylene



Diaphragm brass cylinder valve for ethylene oxide or propylene with Safety relief cartridge Max. pressure: 46bar Optional: Dip tube, Filter, Cap nut,

F102 Methyl bromide

Diaphragm brass cylinder valve for methyl bromide with Pressuring valve Max. pressure: 46bar Optional: Dip tube, Filter, Cap nut,

F106 Glue

(ref.F1009...)

CEODEUX

Refrigerant

CEODEUX Refrigerant offers

a comprehensive range of cy-

linder and container valves for

refrigerants and special appli-

CEODEUX Refrigerant has a

solenoid valves for refrigerants,

water and compressed air.

Description Diaphragm brass cylinder valve for adhesives with Safety relief cartridge Max. pressure: 46bar Optional : Dip tube, Filter,

Cap nut,

www.rotarex.com





ROTAREX Equipment

ROTAREX Equipment offers a wide range of valves, regulators and fittings. It meets the requirements of every gas piping network and installation, offering a global gas component solution, from source

ROTAREX Equipment includes the following product ranges: SELFA, SMT, SAGANA and MEROBEL.

SELFA: UHP diaphragm valves and pressure regulators, bellows valves for high flow and cryogenic appli-

GAZEL: UHP fittings

SMT: Pressure regulators, switch over boards, points of use and mo-

SAGANA: Valves, fittings & components for instrumentation.

MEROBEL: Large scale pipeline valves and regulators.

GAZEL

UHP metal face seal

SELFA



UHP tied diaphragm valves manual and air operated

1/4" - 1/2"

SELFA



UHP Diaphragm valves manual and air operated

1/2" - 3/4" - 1"



UHP diaphragm valve for high cycling applications manual and air operated

1/4" - 1/2"



UHP Veeblock diaphragm valve blocks

1/4" or 3/8"

SELFA



KD/KY Highflow bellows

valve for UHP bulk gas 1/2" - 4"

SELFA



Bellows valves for standard or high pressure applications manual and air operated

1/4" - 3"

SELFA



HP non tied diaphragm pressure regulator for point of use and gas cabinets

SELFA



UHP tied diaphragm pressure regulator for gas cabinets and point of use 1/4" - 3/8"

GAZEL



UHP Micro fittings for orbital welding

SELFA



MTA cylinder connectors GCA, DISS, BS, AFNOR, DIN IIS Uni

SAGANA



Tube fittings 1/16"- 2" 3mm - 50mm Stainless steel or brass

SAGANA



SAGANA

Quick connect

SAGANA

Thread fitting

1/16" - 2" Stainless steel 316L

or Brass



Description: Hose, stainless steel braid with PTFE or SS316L inner tube.

SAGANA



Needle valve Metering valve brass & stainless steel

Ball valve

SAGANA

SMT

SMT

SAGANA

Description

Check valve



Description: Automatic, semi-automatic and manual Switchover



Single stage pressure regulator stainless steel 316L or Brass



Double stage pressure regulator stainless steel 316L or Brass

SMT



MSL 40 Compact

SELFA



Supra Cryogenic bellows valve manual and air operated down to -270°C

MEROBEL



Pipeline gate valves

MEROBEL



DET 170 pressure regulator



ROTAREX Hydrogen Line

Valves, regulators and fittings. ROTAREX is already present in many fields of application with a large range of hydrogen compatible and certified products.

Sirius evo

Patented 1-stage bellows pressure regulator with solenoid shutoff valve, filter and sensor



D 335

High flow cylinder valves, tied diaphragm seal type, for ultra high purity gases



Safety valve for H2

Safety valve for Hydrogen



Ball valves



SELFA

Bellows valves for standard or high pressure applications manual and air operated 1/4" - 3"



SELFA

SAGANA

HP non tied diaphragm pressure regulator for point of use and gas cabinets applications



SELFA

MTA cylinder connectors GCA, DISS, BS, AFNOR, DIN, JIS, Uni



Bundle valve C14x

300bar 10mm seat orifice line or angle version



MEROBEL

200/300bar inline and offline versions w/wo safety also as Y-valve and for bundle applications

RPV valves C5xx



Description:

Pipeline gate valves



Solenoid MAV for H2

Solenoid valve for low pressure Hydrogen



SMT



Double stage pressure

316L or Brass

SMT

SMT

Description:

316L or Brass

Double stage pressure

regulator stainless steel

Compact

Point of use

regulator stainless steel



SMT

Module MOD 16



Description:

Single stage pressure 316L or Brass



Description Mono SL20 Point of use



INDUTEC

200/300bar Integrated valves with 1-stage regulator (flow or pressure) front view ma-

nometer

SAGANA



Tube fittings 1/16"- 2" 3mm - 50mm Stainless steel or brass

SAGANA

Hose, stainless steel braid with PTFE or SS316L inner tube



Pigtail

gas supply.

ROTAREX

the use in Laser applications,

ranging from simple single

stage regulators to precision double stage regulators and

Laser Line



ROTAREX Firetec

Firetec specializes in fire extinguishing valves, components and complete systems. Many vation make Firetec products high-tech market leading sys-

Firetec is also growing into the beverage market with water

B0482

valve for fixed installations Ø33mm for chemical gases



FireDeTec ILP (Indirect Low Pressure) valve with solenoid actuator for automatic & autonomous fire extinguishing systems

B0439

Solenoid valve for fixed installations with inert gas 200 bar



B0481

B0701

valve for fixed installations Ø49mm for chemical gases



B0480

valve for fixed installations for CO2, inert gases. 200 and 300 bar



B0840

Description:

Constant discharge pressureregulator for 300 bar Inert gas. Connects to B0480 2 valve



B0702

Description:

FireDeTec IHP (Indirect High Pressure) valve for automatic & Autonomous CO2 fire extinguishing systems



B0480 DIMES

valve for fixed CO2 installations with integrated DIgital MEasuring System "DIMES" electronic contents control



B0330

Compact autonomous extinguisher kit for vehicles such as buses trains, trucks etc.

Extinguisher systen



All plastic squeeze grip valve for cartridge operated fire extinguishers 4-12kg powder or water



B0111

Brass squeeze grip valve for constant pressure CO2 fire extinguishers



CNG Conversion Kit

Complete conversion for CNG retro-fitting with all parts included.



Complete conversion for LPG retro-fitting with all parts inclu-

C350 evo



Solenoid cylinder valve for CNG. With manual shutoff valve ,safeties, limiters and check valve

Polyvalve LPG



All-in-one valve for LPG with solenoid service valve, 80% fillstop filling port, safety valve, gauge and shutoff

C354 Linevalve



Sirius evo

Description:

High pressure CNG solenoid line valve



Y841



Vented handwheel operated cylinder valve for CNG. With integrated safeties

C350 vented





Vented solenoid cylinder

valve for CNG With manual shutoff valve and safeties.

Liquid H2 cryo valve

Pneumatic intank service valve for cryogenic Liquid Hydrogen



Solenoid MAV for H2

Solenoid valve for low pressure Hydrogen

LPG connectors



LPG filling ports and adapters for all countries

ROTAREX

Automotive

ROTAREX Automotive is specia-

lized in all automotive alternative fuel applications such as Natural Gas, and Hydrogen. ROTAREX

offers LPG fuel systems for cars

and fork lifters. Complete CNG

conversion Kits are available or

components for direct installa-

tion as well as retrofitting.



ROTAREX LPG / SRG

LPGtec, SRG and CMT form cializes in all types of LPG market as well as for Industrial markets.

A100

Filler valve with overfill

protection for forklifts

SRG 59x/54x

Clipon regulators for home or industrial use. Available for jumbo, compact and many other connection types and configurations



SRG 41x/42x

Clipon valves for home or industrial use. Available for jumbo, compact and many other types and configurations



A300

Description:

Handwheel valve with/ without integrated pressure relief device for LPG cylinders



A150 Solenoid valve

Service valve electromagnetically operatedwith flow limiting device



Tank regulators

First, second and twinstage regulators for stationary (bulk) applications



Tank equipment

The tankequipment lines include all necessary valves used on stationary (bulk)



MLD

The Minimum Level Detector for use in forklifts. LPG level indication to avoid running out of fuel



SRG 487

Liquid Level Gauges for stationary (bulk) and transportable (automotive and forklift) applications



A301 Indicator valve

Cylinder valve with integrated level gauge with/without overfill protection device. For LPG cylinders



Indicator regulator

Clipon LPG regulator with integrated Level gauge





Plastic injection moulding

Plastic

Description:

Development of plastic parts for all fields of application

Plastic



Description:

Development and construction of moulds

Plastic



Description:

Injection moulding of medi-



Turning of axles out of

brass.stainless steel. aluminum and many other naterials



Description:

Complex machining of Brass, stainless steel, steel, aluminum and many other materials



Turning

Description:

Turning and milling of parts out of brass, stainless steel, aluminum and many other

Stamping



Description:

Stamping of complex me-



Development and manufacturing of highest quality tools for all metals and ap

Tooling



Description:

Development and manufacturing of all kinds of

Tooling



Development and manufacturing of specialty tooling

ROTAREX

Subcontracting

ROTAREX offers many sub-

contracting services, such as

forging, machining, turning or all kinds of parts made of brass,

stainless steel, aluminium and

others. Ludec and Axitec are

specialized in turn parts, where as

Lumec takes care of machining.

Plastic Injection moulding is also

a part of ROTAREX services and is done in Eifel-Spritzguss.



** ROTAREX Continental Headquarters

NORTH AMERICA

CEODEUX INC - ROTAREX INC
221 Westec Drive
Westmoreland Technology Park I
Mt. Pleasant
USA Pennsylvania 15666
Tel. 724-696-33 45
Fax 724-696-33 52
e-mail: info@rotarex-inc.rotarex.com

WORLDWIDE HEADQUARTERS

EUROPE

LUXEMBOURG
24, route de Diekirch, B.P. 19
L-7505 Lintgen
Tel. +352 32 78 32 - 1
Fax +352 32 78 32 - 854
e-mail: info@rotarex.com

SOUTH AMERICA

ROTAREX BRASIL Ltda

391, Av. Eng° Ronaldo A. Guedes Pereira Distrito Industrial - Mogi Guaçu City Zip Code: 13845-970 - Sao Paulo Brazil

Tel. +55 19 38312232 Fax +55 19 38312235 e-mail: info@brasil.rotarex.com

ASIA

ROTAREX STAR

60 YuanZhong Road Shanghai Nanhui Industial Zone CHINA - 201300, Shanghai Tel. 86-21 5800 4000

Tel. 86-21 5800 4000 Fax 86-21 5800 3226 e-mail: info@star.rotarex.com



GERMANY

SRG Schulz & Rackow Gastechnik GmbH

2 Vor dem Langen Loh, Postfach 12 60 D-35075, Gladenbach / Germany Tel. +49 6462 93 92 0 / fax +49 6462 93 92 91 e-mail: info@srg.rotarex.com

THE NETHERLANDS

CMT BV

50 Hakselseweg
NL-6713 KW, Ede / Netherlands
Tel. +31 318 61 91 38 / fax +31 318 65 00 36
e-mail:info@cmtbv.nl

FRANCE

CEODEUX S.A - ROTAREX

168 Av Charles de Gaulle 92522 Neuilly sur Seine / France Tel. +33 1 70 37 53 88 / fax +33 1 70 37 53 89 e-mail: info@france.rotarex.com

FRANCE

SMT S.A.S.

5 rue de la Labergement F-21110, Genlis (Dijon) / France Tel. +33 3 80 47 61 00 / fax +33 3 80 31 34 45 e-mail: info@smt.rotarex.com

CZECH REPUBLIC

ROTAREX Praha s.r.o.

2085 Plzenska ulice CZ-347 01, Tachov / Czech Republic Tel. +420 374 733 610 / fax +420 374 733 612 e-mail:info@praha.rotarex.com

ITALY

ROTAREX Italia Srl

46 Via Giacomo Matteotti

I-25080, Ciliverghe di Mazzano (Bs) / Italy Tel. +39 030 2120550 / fax +39 030 2122362 e-mail: info@italia.rotarex.com

RUSSIA

Galitzine Consulting Itd

8 Vnutrenny proezd 113149, Moscow / Russia Tel. +7 495 225 96 72 / fax +7 495 225 96 73 e-mail: petrov@galitzineconsulting.ru

JAPAN

UNITED ARAB

P.O. Box: 36615 - Abu Dhabi U.A.E.

e-mail: info@middle-east.rotarex.com

EMIRATES

Tel. +971 2 4453756 Fax +971 2 4453756

ROTAREX MIDDLE EAST

ROTAREX Japan Ltd

Rm201, Inoue Bldg. 7-15-10 Nishishinjuku 160-0023, Shinjuku-ku, Tokyo / Japan Tel. +81 3 5348-5167 / fax +81 3 5348 5168 e-mail : nishioka.miwa@rotarex-japan.co.jp

SINGAPORE

ROTAREX Fareast Pte Ltd

Blk115A Commonwealth Drive #05-22, Tanglin Halt Industrial Estate 149596, Singapore / Singapore Tel. +65 6 472 37 27 / fax +65 6 472 45 28 e-mail: info@fareast.rotarex.com

PORTUGAL

Office was transferred to SRG
Tel. +49 6462 93 92 0 / fax +49 6462 93 92 91
e-mail: info@srg.rotarex.com

For local offices and distributors please visit our Website **www.rotarex.com**

