



Plastics and Polymers Process Valves for

PET/PBT/PTA



General Chemicals



Fine Chemicals



Petrochemicals



Navy



Cryogenic service

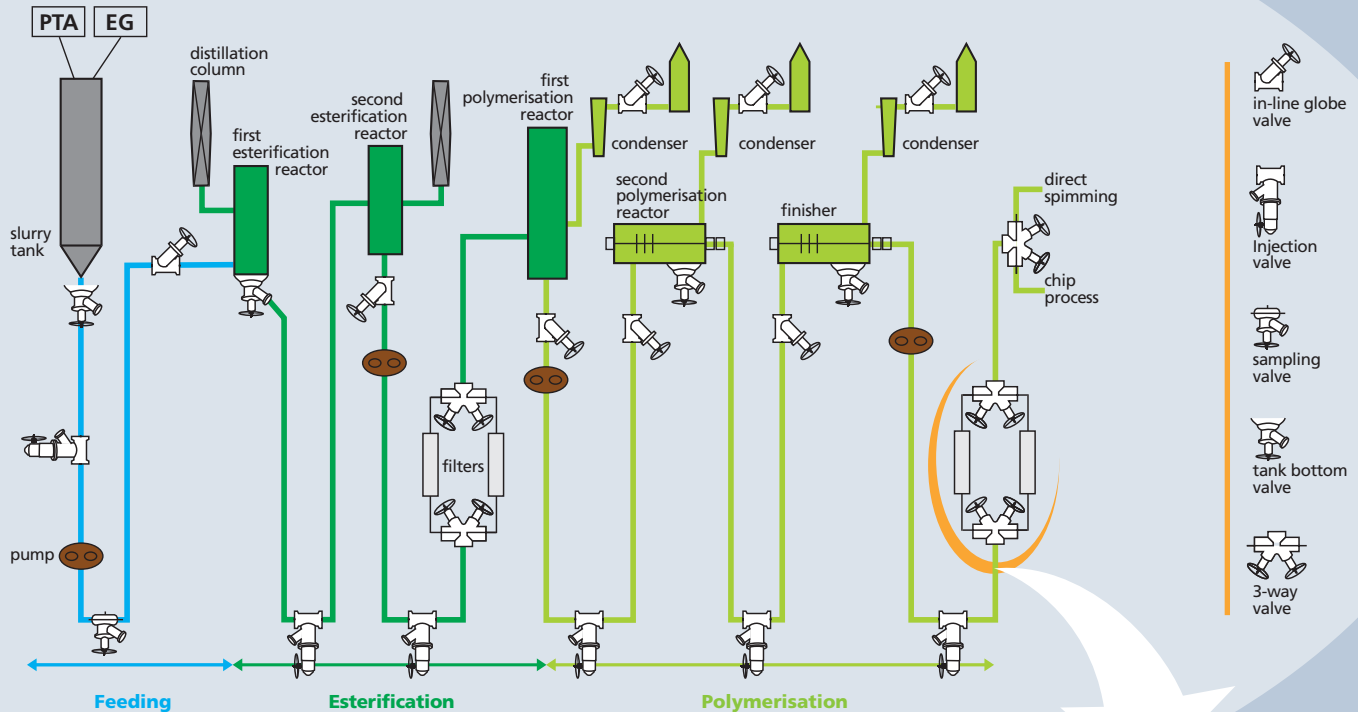


Other applications





Special valves for PET continuous polymerization process



Esterification
Most frequently the process consists of the reaction of an acid with an alcohol in the presence of a trace of mineral acid as catalyst or the reaction of an acyl chloride with an alcohol.

Polymerisation
The chemical reaction in which high molecular mass molecules are formed from monomers.

GUICHON VALVES proposes a wide range of valve designs to fit our customer needs:

- Welded or cast construction
- Materials: Carbon steels, Austenitic stainless steels 304 L, 316 L, 316 Ti, 321, Uranus® B6 or equivalent, duplex steels, nickel and nickel alloys (Alloy 20, Hastelloy®, Inconel®, Incoloy®, Monel®), special alloys (Titanium, Zirconium, Tantalum)
- Closure systems (disc or piston)
- DN from 1/4" to 40"
- PN from 10 to 400 (ANSI 150 up to 2500)
- Manual, pneumatic or electric actuators
- With or without heating jacket

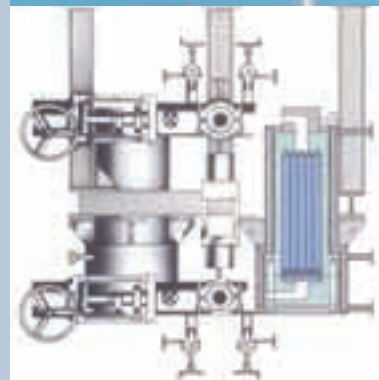


Contact us for information about other design features

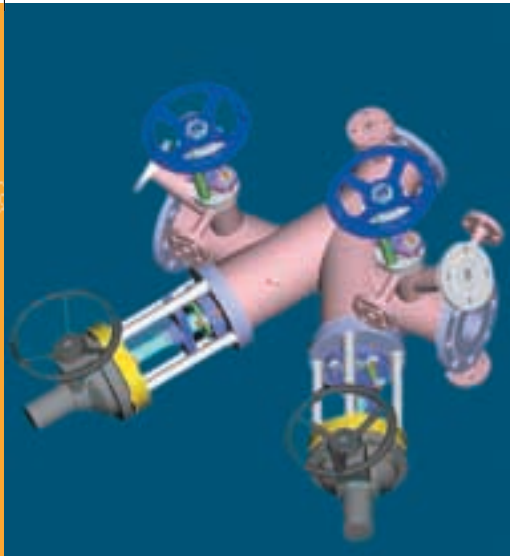
All our items offer:

- Excellent tightness
- Long life
- Good reliability and safety

GUICHON VALVES provides you the valve designs you require



■ **GUICHON diverter valves on polymer filter systems**



Our valves for use in PET/PTA/PBT processes



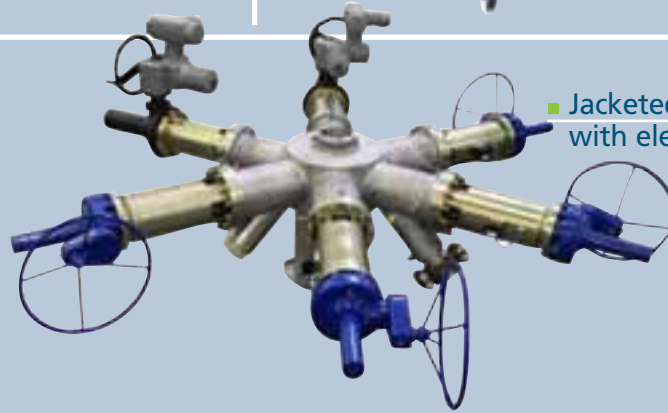
■ In-line Globe or piston type Y valve



■ Injection valve



■ Sampling valve

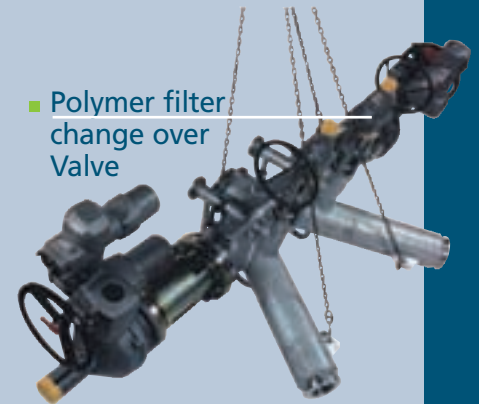


■ Jacketed 6 ways piston valve with electric actuators

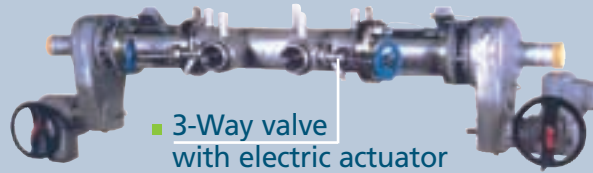
■ Tank bottom valve



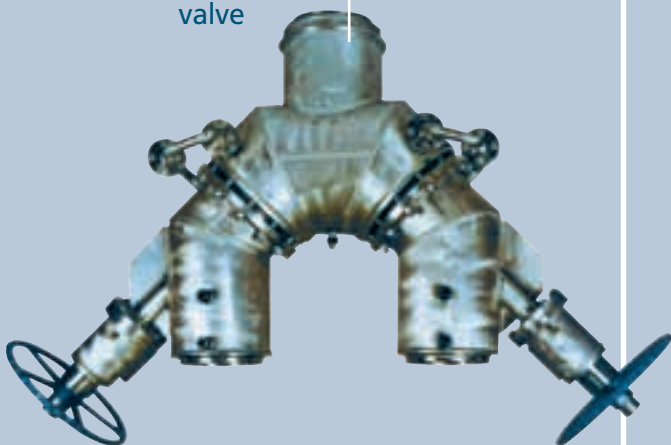
■ Polymer filter change over Valve



■ 3-Way valve with electric actuator



■ High vacuum Diverter valve



■ Tergal valve also available for in-line service



■ Bellows sealed gate valves available from GUICHON Valves for in-line service



Agreements and Quality Management

ISO 14001

Environmental Management System approved by L.R.Q.A. to ISO 14001:2004 standards.

ISO 9001

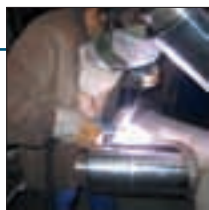
Our company is ISO 9001 certified since 1991. Our current ISO 9001 approval has been certified by L.R.Q.A. as per the 2008 release on the base of our integrated management system.

PED 97/23/EC

Compliance with the European Pressure Equipment Directive. Guichon Valves is certified according to Appendix III Module H of Directive 97/23/EC.

Welding

Qualified welding procedures as per ASME and EN standards.



Experienced and qualified welders

Leading Valves Manufacturer

GUICHON VALVES was created in **1921**, successfully expanded into the Polymer sector in 1979 and has been in the specific market of PET/PBT/PTA since then.

Today, we rank amongst the leading European suppliers of valves thanks to our long experience and capability to supply custom-made valve solutions.

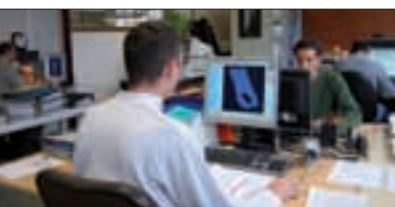
The Company has full controls over the design, manufacturing and testing of its products and also provides a full after sales service.

Our know-how in manufacturing high performance valves, added to the expertise of our engineering and design department, have ensured constant progress in the development of innovative and effective solutions, produced by our Company.

GUICHON VALVES : an expert to optimize your process



Machining shop equipped for in-house production



Design department : the company's heart



New production plant



Polymers

GUICHON Valves also has special know-how in valves for following applications :

- Polyester
- Latex
- Nylon
- Polyamide
- Resins-rubber
- LDPE / HDPE
- Polypropylene
- MVC / PVC

Some of our worldwide clients

- End users

AKZO NOBEL
ALLIED CHEMICALS
ARKEMA
ATOFINA
BASF
BAYER
BEKAERT
BP CHEMICALS
CELANESE
CIBA
DSM PLASTICS
DUPONT
DOW CHEMICAL
ENICHEM POLIMERI
ENKA DE COLOMBIA
ESTER INDUSTRIES
FORMOSA PLASTICS
HENKEL
JINDAL
L.V.M.
NAN YA PLASTICS
POLYGENTA
RHODIA
SHINKONG SYNTHETICS FIBERS
SOLVAY
TICONA
YISHENG DAHUA PETROCHEMICAL

- Engineering Companies

AQUAFIL ENGINEERING
CHINA PETROCHEMICAL INT'L
FOSTER WHEELER
JACOBS ENGINEERING
KVAERNER
LARSEN & TOUBRO
LURGI ZIMMER
MIGHTY ENGINEERING
POLYMER ENGINEERING
RELIANCE INDUSTRIES
TECHNIP
UHDE INVENTA-FISCHER

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