

GAS Regulators: Pressure/Flow

GasCon Systems



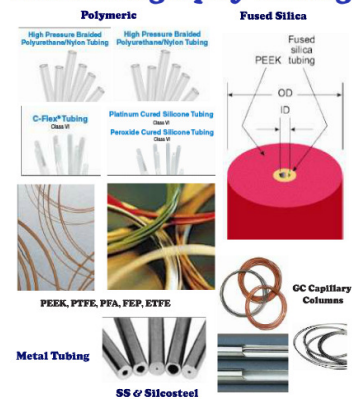
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Fittings - Chromatography



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Chromatography & Fluid Transfer

Ferrules



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Liquid Dispensers



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Vials & Bottles & Accessories



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Restek OEM GC & HPLC Replacement Parts



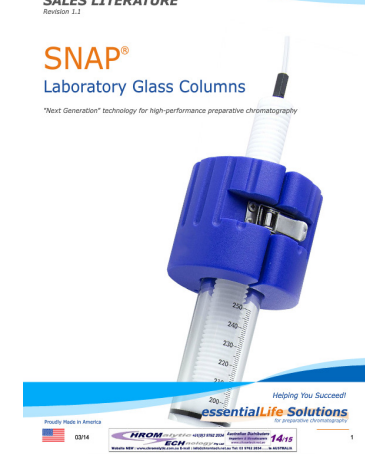
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Chromatography COLUMNS

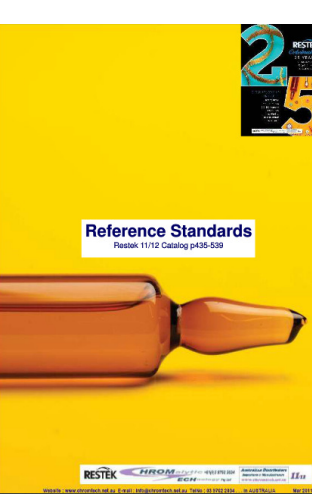


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SALES LITERATURE



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Gas Generators



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QL Hydrogen Generators—Conventional Models

Model	QL-450	QL-600	QL-900
H ₂ Outflow(ml/min)	0-150	0-350	0-500
H ₂ Pressure(MPa)	0.02-0.4 (under regular pressure)		
H ₂ Purity(%)	>99.999		
Power Consumption(W)	<80	<150	<200
Voltage(V)	AC100-110-240V		
Dimension (L*W*H mm/mm/mm)	420*227*152		
Water Requirement	Pure water resistivity>15M Ω/cm		
Weight(KG)	<15		

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Chromtech PRODUCT Types



Chromtech SUPPLIER CATALOGS

QL Hydrogen Generators—Conventional Models



QL-150/300/500
(CE Certification)

Model	GL-150	GL-300	GL-600
H ₂ Outflow(ml/min)	0-150	0-310	0-510
H ₂ Pressure(kPa)	0.02-0.4 (under regular pressure)		
H ₂ Purity(%)	≥99.999		
Power Consumption(W)	<90	<150	<300
Voltage(V)	AC 220 110 50-60Hz		
Dimension (L*W*H mm³/mm³/mm³)	420*227*152		
Water Requirement	Pure water resistivity≥1M Ω·cm		
Weight(KG)	<15		

GAS Regulators: Pressure/Flow

GasCon Systems

Cylinder **Pressure Regulators**

(Australian Standard)

Brass-Body

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NEW website 2011 : www.chromalytic.com.au



"GC"
Grade

Single-Stage

**401
High
Purity**



Dual-Stage

also available **SS-Body : Corrosive Gases**
CGA(-180,N2) Bottle Thread

**411
High
Purity**

Restek Regulators & accessories



Siltek-treated

gas standards regulators



MINireg
(Scott bottle)



Backpressure Reg



MiniCYL Reg

VICI Regulator/Controllers



Chromtech **SUPPLIER CATALOGS**

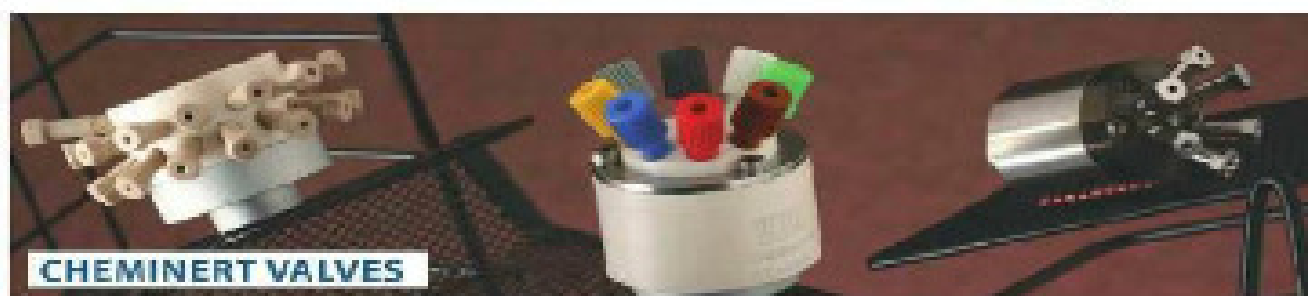
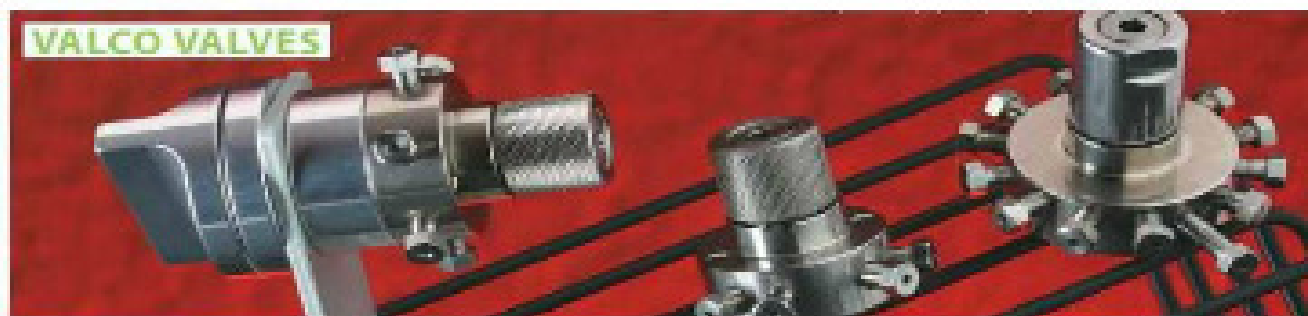
Needle/ShutOff Valve Mass Flow Controllers Combo Pressure Reg microMetering Valve



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Instrumentation Valves

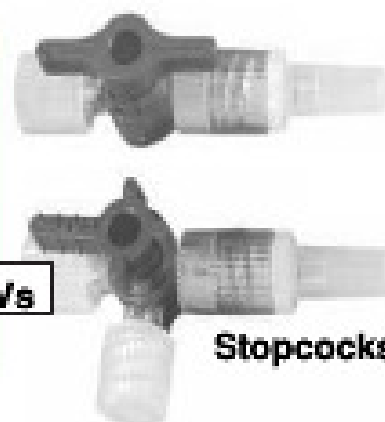
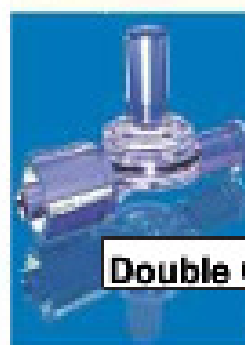


VICI Precision Sampling

Micro Valves for GC and LC



Check Valves



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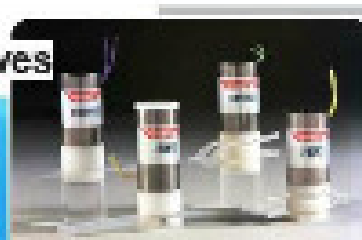
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BIO-CHEM VALVE INC.

Pinch Valves

Isolation Valves



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CHROM *alytic* 181/013 0762 2034
ECH *nology* *ny* *ny*

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Chromatography Tubing

Polymeric

Fused Silica

High Pressure Braided
Polyurethane/Nylon Tubing



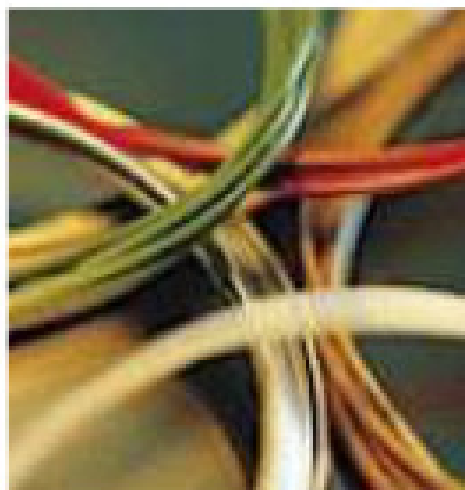
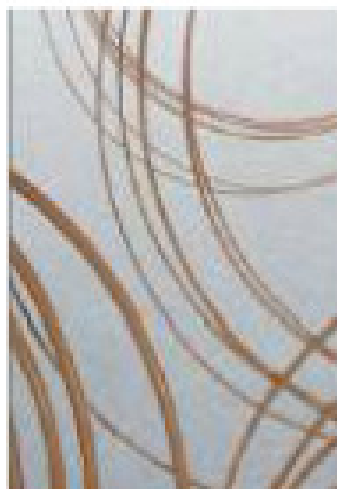
High Pressure Braided
Polyurethane/Nylon Tubing



C-Flex® Tubing
Class VI



Platinum Cured Silicone Tubing
Class VI
Peroxide Cured Silicone Tubing
Class VI



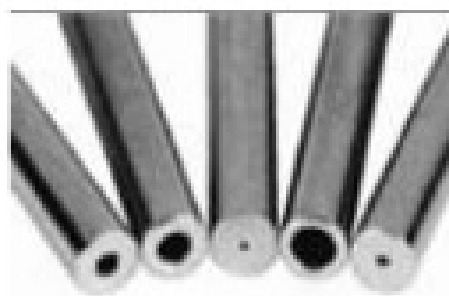
PEEK, PTFE, PFA, FEP, ETFE

Metal Tubing

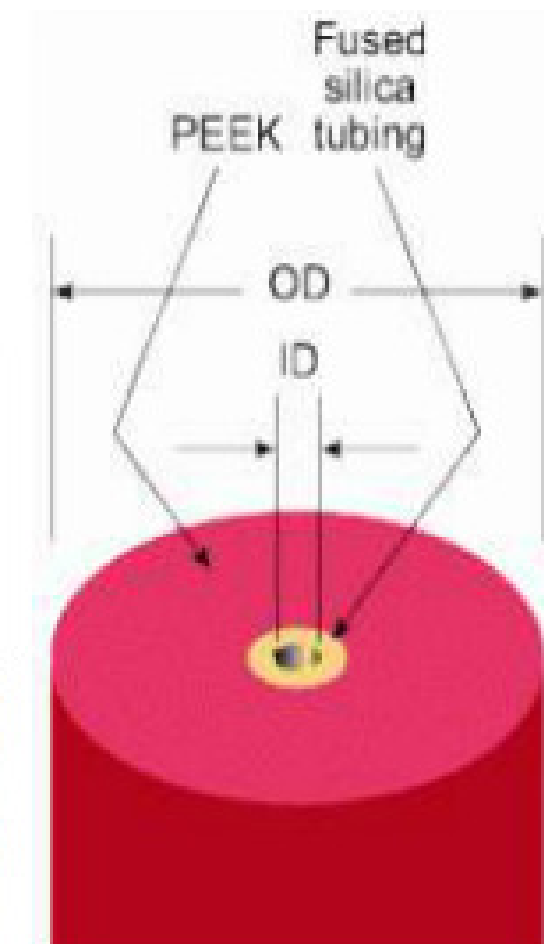
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SS & Silcosteel

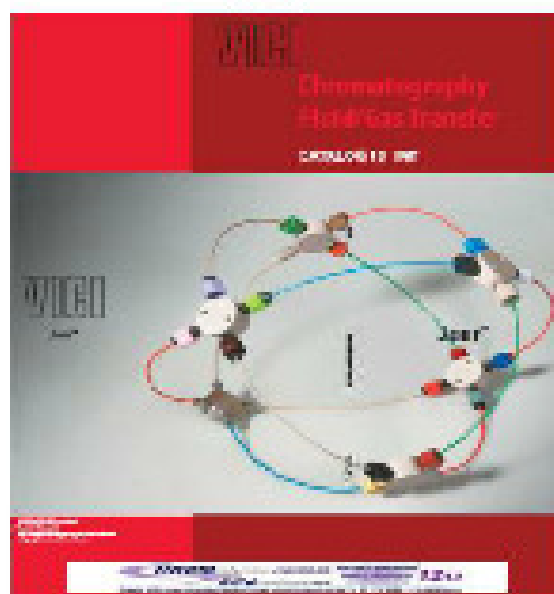


GC Capillary
Columns



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Fittings - Chromatography



GC & HPLC Fittings

- VICI VALCO INSTRUMENT



GC Fittings -

Resistor Sinter & Swagelok/Parker



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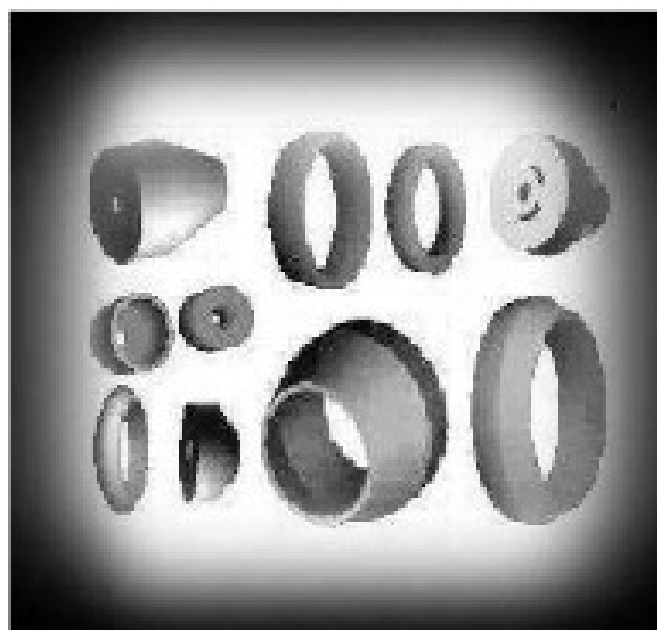
Chromatography & Fluid Transfer Ferrules

Graphite 1/16"OD to 2.0inch ID

most Polymers
Machinable
by
Chromalytic

Graphite/Polyimide
Polyimide, Valcon
Teflon
PEEK

Metal – Stainless Steel



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NEW! PBI Ferrules UNIQUE

– Experimental HIGH Temperature **ASK!**

Chromalytic made in AUSTRALIA **Chromtech SUPPLIER CATALOGS**
Restek
VICI-Valco; VICI AG(Jour)

CHROMalytic 4870/03 9782 2034
ECH 4870/03 9782 2034

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Instruments & Materials
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Chromatography COLUMNS

GC Columns

Fused Silica

Restek 100 Column	100 µm
Restek 100 Column	100 µm
Restek 100 Column	100 µm
Restek 100 Column	100 µm
Restek 100 Column	100 µm
Restek 100 Column	100 µm
Restek 100 Column	100 µm
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PLC

Restek 100 Column	100 µm
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Metal MXT[®] Capillary

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Restek 100 Column	100 µm

Packed/Micropacked

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Restek 100 Column	100 µm



**Guard Columns
for
GC and HPLC**

HPLC Columns

Restek 100 Column	100 µm
Restek 100 Column	100 µm
Restek 100 Column	100 µm
Restek 100 Column	100 µm
Restek 100 Column	100 µm
Restek 100 Column	100 µm
Restek 100 Column	100 µm
Restek 100 Column	100 µm
Restek 100 Column	100 µm
Restek 100 Column	100 µm



3-IN-1 TECHNOLOGY
RESTEK 3-IN-1 TECHNOLOGY

Super Selective Columns with Guard Bedding

RESTEK 3-IN-1 TECHNOLOGY

RESTEK 3-IN-1 TECHNOLOGY



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HPLC Columns

SunShell

C18, C8, PFP



Controlled Pore Size

- HPLC Performance
- 255,000 g/m² surface area
- 100% efficiency
- 100% efficiency
- 100% efficiency
- 100% efficiency
- 100% efficiency
- 100% efficiency
- 100% efficiency
- 100% efficiency



100% efficiency

100% efficiency

100% efficiency

100% efficiency

100% efficiency

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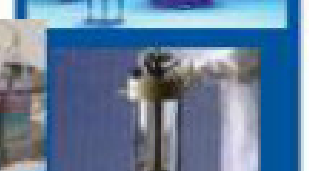
MEGA
Chromatography Columns

GC products 2012

RESTEK 3-IN-1 TECHNOLOGY

RESTEK 3-IN-1 TECHNOLOGY

LC Chromatography Columns



**also
Unpacked Columns
Stainless steel
PEEK**

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Reference Standards

Restek 11/12 Catalog p435-539



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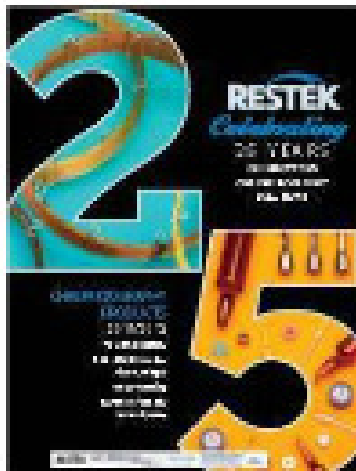


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SYRINGES

glass
microliter



Hamilton
and
SGE

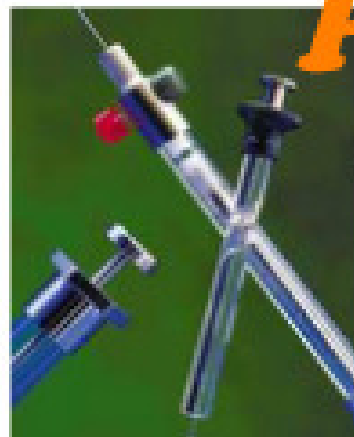
Norm-Ject
Plastic Syringes



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VICI

**Precision
Sampling**



glass
microliter



Mininert
Valves

NewERA
SYRINGE PUMPS



Breakthrough Price

NE-300
Syringe Pump

Stainless Steel

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ECH *by* **TECH** *by* **TECH**

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Syringe/Pipet *Liquid Dispensers*



- **Electronic Micropipettes**
- **Multichannel**
- **Single Channel**
- **E-Fill**
- **Li'l Pipet**
- **Syringe Tips**
- **Syringe Stands**

Vials & Bottles & Accessories

Chromatography Vials



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PAGE 3

Membrane Solutions

MS® Sample Vials for Chromatography
 11mm Crimp & Screw Cap 2ml 12x32 8-425 and 9-425



... 4ml 13-425 Screw, Headspace 20, 60, 60ml 24-425 Screw ...
 pre-cleaned VOA HS Grade ... also Available



Caps and Septa available separately if required

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VIALS

1000ml	1000
500ml	500
250ml	250
125ml	125
62.5ml	62.5
31.25ml	31.25
15.625ml	15.625
7.8125ml	7.8125
3.90625ml	3.90625
1.953125ml	1.953125
0.9765625ml	0.9765625
0.48828125ml	0.48828125
0.244140625ml	0.244140625
0.1220703125ml	0.1220703125
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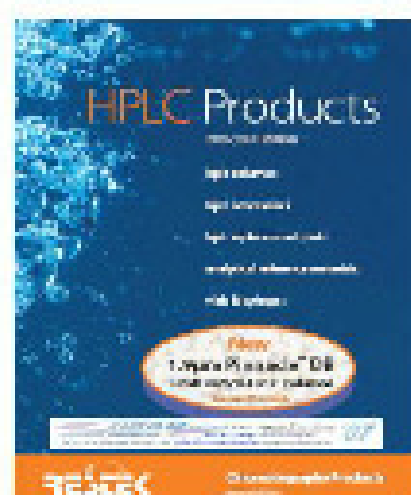


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