

Introduction

At CHROM4 we are known for our world class products.

Our Sample Handling line is one of the most extensive lines available in the chromatography industry.

We have top notch quality suppliers for vials, caps and inserts as well as Porvair's and Ritter's excellent lines of 96-well plates and mats.

Our vials are produced under the most stringent conditions with highly sophisticated production technology out of 1st hydrolytic class glass. Only Schott glass is used as raw material, which results in an outstanding product.

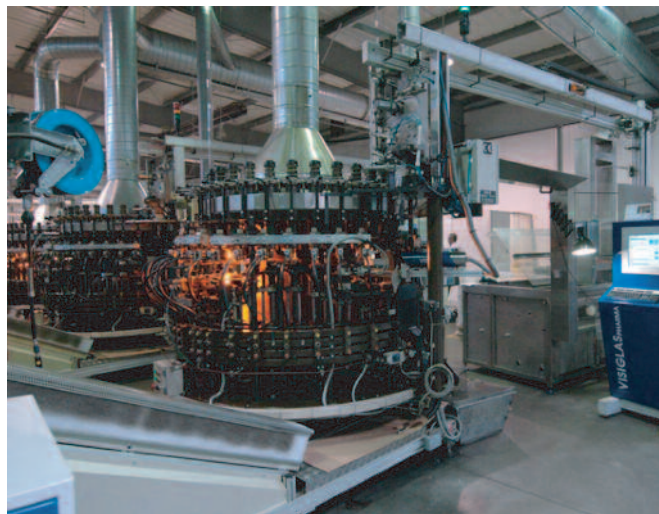
Quality control and inspection

Opto-electronic (photo camera) devices on the glass machines measure within fractions of a second, whether the vial meets our specifications. A second photo camera inspection checks for cosmetic errors (cracks, chips) in the glass.

Length gauging equipment measures dimensional specifications in addition to the camera inspection.



When a vial is not according to specification, it automatically goes to waste. The vials are packed in a cleanroom, therefore avoiding any chance of contamination.



A manual random inspection and a final inspection to ISO and other quality standards assure you of a great, problem free and reliable product.

We only supply caps from the main manufacturers in the industry, who supply companies such as Agilent, Thermo Scientific and Waters.

Our cap manufacturers also use photo camera inspection.

We carry a wide variety of caps enabling you to choose what is right for your applications.

Septum Material	Compatible with	Resealability	Max Temp
Rubber (Natural or Butyl)	ACN, acetone, DMF, alcohols, diethylamine, DMSO, phenols	Excellent	<100°C
PTFE/Natural or Butyl Rubber	PTFE resistance until punctured, then septa or liner will have compatibility of rubber	Good	<100°C
Silicone/Silicone Rubber	Alcohol, acetone, ether, DMF, DMSO	Excellent	<200°C
PTFE/Silicone, PTFE/Silicone/PTFE	PTFE resistance until punctured, then septa or liner will have compatibility of silicone	Average	<200°C
VITON	Chlorinated solvents, benzene, toluene, alcohols, hexane, heptane	Good	<260°C

We believe we supply the highest quality product available in our industry.

Constant improvement on existing products, such as quality, packaging, etc. are part of our policy to service you better.

This will provide you high quality products with a price/performance ratio enabling better control of your consumables budget.

We showcase a large number of new products to make your sample handling in the lab more efficient.

We have highlighted our most popular items for your convenience.

Our other sample handling products, such as inserts, high recovery vials, 96-well plates and mats have the same stringent quality procedures during manufacturing.

We are proud to serve you.

If you would like to receive samples of our sample handling products, please contact us.

