

# Unichrome<sup>®</sup> Associates

Dealers in all types of laboratory equipments & consumables

HPLC Column

GC Columns

D2 Lamps

E1 & E2 Weights

HPLC & GC Consumables

HPLC & GC Syringes

UV Quartz Cell

Safety Product

Dissolutions Consumables



# Unichrome<sup>®</sup> Associates

Dealers in all types of laboratory equipments & consumables

## SETonic

Setonic GmbH (Germany)

Tecan XP Syringes  
Replacement syringe  
for Tecan pump  
Front Fitting: 1/4"-28UNF



Tecan XE Syringes  
Replacement syringes for Tecan  
syringe pump



Tecan XLP Syringes  
Replacement syringes  
for Tecan syringe pump  
Front Fitting: 1/4"-28UNF



GC PAL, CombiPAL



Agilent 7673



MACHEREY-NAGEL

MACHEREY-NAGEL (Germany)

HPLC & GC Columns, SPE Cartridges,  
Automatic Crimpers & Decrimpers



VICI AG International (Switzerland)  
Peek Tubings, Suction Filters



## Hellma

Precision in Spectro-Optics Worldwide.

Hellma GmbH & Co. KG (Germany)  
UV Quartz



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## HPLC CONSUMABLES



HPLC Column End Plugs



PEEK FINGER TIGHT FITTINGS



Peek Tee



Solvent Inlet Filter



ZERO DEAD VOLUME UNION PEEK



ZERO DEAD VOLUME UNION SS



1.5 ml Screw Top Clear Vial for Agilent HPLC



Snap Top Clear Glass Vial 2 ml



Snap Cap with Septa



Blue Screw Cap with Septa



Black Screw Cap with Septa



Snap Top Amber Glass Vial 2 ml



Peek Tubing Cutter



Teflon Tubing Cutter



SS Tubing Cutter

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## HPLC CONSUMABLES



Pre-Column Filter High Pressure



2ml Vial Rack



Last Drop Mobile Phase Filter



Mobile Phase Filter Low Pressures



Black Screw Cap with Septa



Storage Vials 20ml



40ml Clear & Amber TOC Vials



20ml Clear & Amber TOC Vials



1.1 ml Shell Vial with Snap Plug



High recovery vial



Vici black flat ferrules



suction filter for waters



suction filter for shimadzu



suction filter for agilent



Ptfе Frits For Agilent

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## GC CONSUMABLES



20 mm Magnetic Crimp Cap  
Blue/Silver With PTFE/Silicone Septa



18mm Magnetic Cap & Septa



20mm PTFE/Silicone  
Septa With Cap



11mm Aluminium Crimp Cap  
With Septa



20ml Screw Top Clear Glass Vial



20MM Open Top Bi-Metallic Crimp  
Cap (8mm hole) Red & Silver with  
20mm Natural /PTFE Silicone  
Septa 3mm Thick



Vial Rack



Advanced ergonomic crimpers  
for 8 mm, 11 mm and 20 mm crimp caps



Manual crimpers  
(standard version)



Battery-powered electronic crimping tools for  
11 mm and 20 mm aluminium crimp caps



20ml Crimp Top Clear Glass Vial



Graphite Ferrule 1.0 Mm  
1 Pk (10 Nos.)



Graphite Ferrule 0.5 Mm  
1 Pk (10 Nos.)



Graphite Ferrule 0.8 Mm  
1 Pk (10 Nos.)

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## DISSOLUTION CONSUMABLES



40 Mesh Basket



10 Mesh Basket



100 Mesh Basket



20 Mesh Basket



Sinker 18mm L X 6mm W



Japanese Pharmacopeia Basket Sinker



Spring Style Capsule Sinker, 316 SS, 15.5mm L x 5mm W



Spring Style Capsule Sinker, 316 SS, 18mm L x 6mm W



Spring Style Capsule Sinker, 316 SS, 19.3mm L x 7mm W



Spring Style Capsule Sinker, 316 SS, 23mm L x 8mm W



12 Position Basket Holder



3 Prong Plastic Capsule Sinker, Plastic w/Magnetic Legs



Disposable Cannula Filter



Cannula



Paddles



Cannula Filter

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## DISSOLUTION CONSUMABLES



1000ml Clear Glass Vessel



1000ml Amber Glass



6 Position Basket Holder



8 Position Basket Holder

## PRODUCT DATA



## Injection port | BTO premium high-temp

### Desired septa attributes:

- Reliably seal against the carrier gas pressure in the inlet.
- Capable of being pierced and resealing time after time without pieces of the septa being deposited in the GC inlet system.
- Does not contaminate or bleed material into the chromatographic system.

### Features and benefits

- Combines significantly longer injection life, low bleed and low injection port adhesion even under high temperature applications.
- Packaged in glass jars (PK50) for purity.

### Recommended applications

Premium septa for autosamplers in any high temperature application.

### Product specifications

Sizes available (mm): 5, 6, 6.4, 9, 9.5, 10, 11, 11.5, 12.7, 17, and Shimadzu Plug style.

Give your GC the seal of approval



Material	Durability	Resealing	Solvent resistance	Tear resistance	Maximum injector temperature
High-temp silicone	Excellent	Excellent	Excellent	Excellent	330°C for 17 mm size 400°C for all other sizes

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**Longlife Peek Fittings ( Flat )**



**Part no. JR-55020-1  
VICI JOUR SWITZERLAND** 

**LongLife Peek Fittings ( round )**



**Part no - JR-5513  
VICI JOUR SWITZERLAND** 

**Peek fittings Machined**



**Part no - JR-5502  
VICI JOUR SWITZERLAND** 

**Peek fittings for UHPLC**



**Part no - JR-55031-1  
VICI JOUR SWITZERLAND** 

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**Peek Tubing 0.13 mm ID**



**Part No - JR-T-6007-M10**  
**VICI JOUR SWITZERLAND** 

**Peek Tubing 0.10 mm ID**



**Part No - JR-T-6020-M10**  
**VICI JOUR SWITZERLAND** 

**Peek Tubing 0.18mm id**



**Part no - JR-T-6008-M10**  
**VICI JOUR SWITZERLAND** 

**Peek Tubing 0.25mm id**



**Part No - JR-T-6009-M10**  
**VICI JOUR SWITZERLAND** 

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**Peek Tubing 0.75mm id**



**Part no - JR-T-6011-M10  
VICI JOUR SWITZERLAND**

**Tubing, FEP, 1/8" x 1.59 mm id**



**Part no:- JR-T-6804-M10  
VICI JOUR SWITZERLAND**

**Peek Tubing 0.50mm id**



**Part no - JR-T-6010-M10  
VICI JOUR SWITZERLAND**

**Peek tubing 1/8 OD x 1.59mm ID**



**Part no:- JR-T-6004-M10  
VICI JOUR SWITZERLAND**

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**Guillotine Tubing cutter**



Part no - JR-794  
VICI JOUR SWITZERLAND 

**SS Tee 1/16", .25mm bore**



Part no - ZT1C  
VICI JOUR SWITZERLAND 

**SS Tube cutter**



Part No -JR-792  
VICI JOUR SWITZERLAND 

**Peek tubing cutter**



Part no - JR-797  
VICI JOUR SWITZERLAND 

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**Sure-Guard, disposable in-Line Filter**



**Part no. JR-0611-SS05-3  
VICI JOUR SWITZERLAND** 

**1/16" SS Nut**



**Part no. ZN1-10  
VICI JOUR SWITZERLAND** 

**1/16" SS Ferrule**



**Part no. ZF1S6-10  
VICI JOUR SWITZERLAND** 

**Peek Union**



**Part no. JR-061  
VICI JOUR SWITZERLAND** 

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## Clean-Cut tubing cutter

- Cuts PEEK, PTFE, ETFE and other polymeric tubing
- No distortion to OD or ID
- Ideal for the most demanding LC applications
- Safety lock secures the blade

Right angles and clean cuts are essential in LC to avoid leaks and dead volume. This handy tool makes it easy to get burn-free perpendicular ends on polymeric tubing without distorting the outside diameter and/or closing the inside diameter of the tubing.

It is designed to cut PTFE, ETFE and polymers in general and PEEK capillary tubing in particular. The compact design and unique safety locking mechanism allow every chromatographer to keep one in their pocket



## Cuts PEEK, PTFE, ETFE, and other polymeric tubing Ideal for less demanding LC applications

For 1/16" and 1/8" SS tubing  
Leaves smooth, uniform cuts  
Minimal deburring and/or reaming required  
Easy replacement of the cutting wheel



This is the ideal tool for cutting 1/16" and 1/8" stainless steel tubing, leaving smooth, uniform cuts requiring a minimum of deburring and/or reaming. The easily replaced cutting wheel scores tubing, leaving cuts which allow tube-to-tube and tube-to-frit connections.



## COLUMN END PLUGS

- Seal analytical columns
- One size fits all
- Fingertight, with wrench flats as well

Fingertight column end plugs fit all columns with 10-32 threads.

Easy handling is guaranteed by an additional 5/16" wrench flat, which allows the plug to be loosened by a wrench if it gets stuck. The long design and threading down to the ferrule ensure safe closing of valuable columns.



## ONE PIECE FINGERTIGHT COLUMN COUPLERS

- Self-adjusting - zero dead volume for all fitting types
- Four bore sizes
- Biocompatible

A unique feature of this column coupler is that it adapts automatically to fit all pilot lengths - Valco, Waters, Upchurch, Rheodyne, etc. Since the tubing bottoms out in any fitting detail, added void volume is minimal.



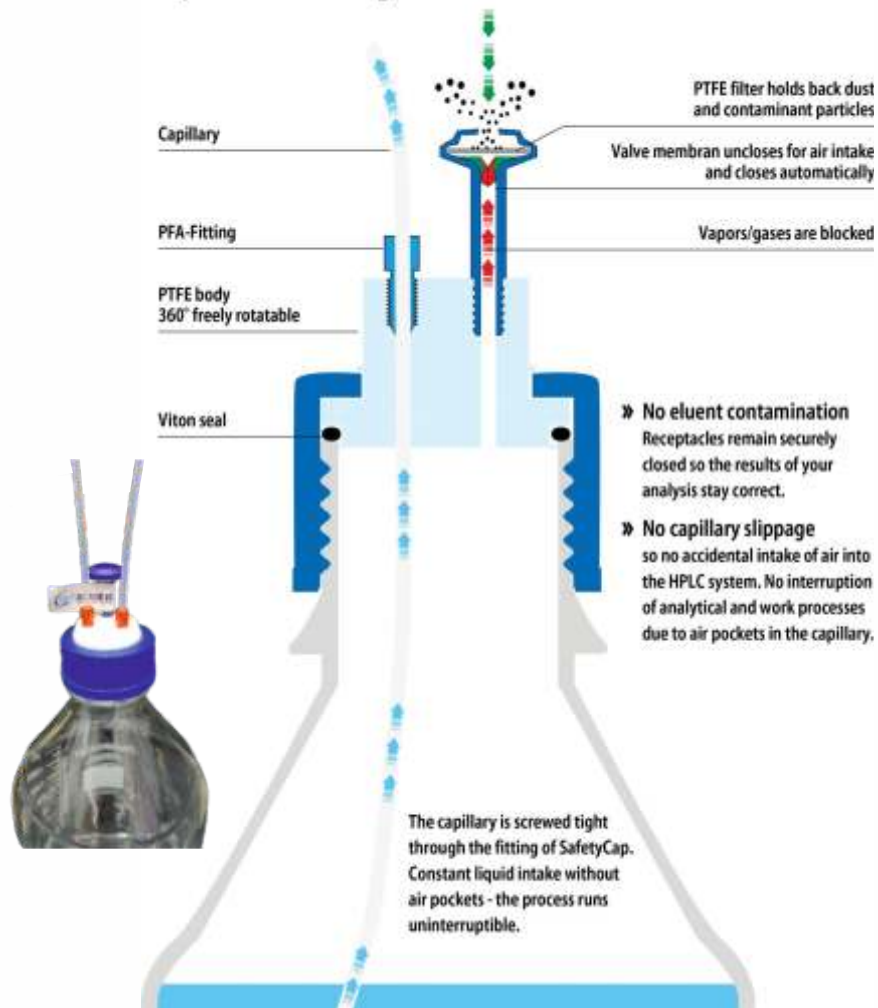
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## SAFETY CAP FOR HPLC

The air valve ensures pressure equalisation during the extraction



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AGT Agela Technologies

## Unisphere HPLC columns

*Excellent Performance-to-cost Value*

- ◆ Double End-cap, Good Inertness
- ◆ Good Stability and Reproducibility
- ◆ Excellent Performance-to-cost Value

### Technical Parameters:

High-purity silica, Metal Impurity < 10ppm  
Average Particle Size : 5µm  
Specific Surface: 320m<sup>2</sup>/g  
Pore Size: 100Å  
Carbon Loading: 18%  
pH Range: 1.5-9.0  
Efficiency: >80,000/m  
TF: 0.98-1.20



### Unisphere HPLC columns

Using the silica of high-purity and high mechanical strength, the Unisphere C18s are made with high purity monisilane through Agela Technologies well controlled bonding process. They have surface bonding coverage and completely capped. The carbon content is as much as 18%. They have excellent tolerance of chemical and long time. They are the best choice of high performance-to-cost value.

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CNW Technologies | Gmbh Germany

## Longlife UNIBOND HPLC Column

### KEY FEATURES:

- Suitable for LC/MS and HPLC at pH extremes (pH 1-11)
- Superior base deactivation
- Ideal for method development

### TECHNICAL CHARACTERISTICS:

Available as octadecyl (C18) and octyl (C8), multi-endcapped; pore size 110 Å: particle sizes 1.8 µm, 3 µm and 5 µm for C18, 1.8 and 5 µm for C8; 7, 10, 12 and 16 µm particles for preparative purposes on request; carbon content 18% for C18, 11 % for C8

### BASE DEACTIVATION

UNIBOND C18 AND UNIBOND C8 are based on the ultrapure silica.

A unique derivatization process generates a homogeneous surface with a high density of bonded silanes (carbon content ~18 % for C18, ~11 % for C8). The following thorough endcapping suppresses any unwanted polar interactions between the silica surface and the sample, particularly suitable for the separation of basic and other ionizable analytes.

### ENHANCED PH STABILITY

One major disadvantage of using silica stationary phases is the limited stability at strongly acidic or basic pH ranges. Cleavage of the siloxane bonding by hydrolysis, or dissolution of the silica will rapidly lead to a considerable loss in column performance. Therefore conventional RP phases are usually not recommended to be run with mobile phases at pH > 8 or pH < 2 for extended periods of time. The special surface bonding technology and the low concentration of trace elements of UNIBOND C18 / C8 allow for use at an expanded pH range from pH 1 to 11.

### RECOMMENDED APPLICATION:

Overall sophisticated analytical separations  
Compound classes separated include: pharmaceuticals, e.g., analgesics, anti-inflammatory drugs, antidepressants; herbicides; phytopharmaceuticals; immunosuppressants

USP L1 (C18)/ USP L7 (C8)



Packings	Unibond C18
Particle Diameter (µm)	1.8, 2, 3.5 & 10
Pore size (Å)	100
Pore Volume (mL/g)	1.1
Endcapped	Yes
Specific surface area (m <sup>2</sup> /g)	450
Metallic impurities (ppm)	<10
Carbon content	17%
pH range	1 - 11
Temperature range (°C)	20 - 60

### AVAILABLE IN C18, C8, SILICA, CYNO, PHENYL, DIOL HPLC COLUMN

UB525059-0	Unibond C18 Column, 4.6x250mm, 5µm, 100Å	UB520059-0	Unibond C18 Column, 4.6x200mm, 5µm, 100Å
UB515059-0	Unibond C18 Column, 4.6x150mm, 5µm, 100Å	UB305029-0	Unibond C18 Column, 2.1x50mm, 3µm, 100Å
UB315059-0	Unibond C18 Column, 4.6x150mm, 3µm, 100Å	UIS205029-0	Unisphere UHP ASB C18, 2.1x50mmx2µm, 100Å
UB505059-0	Unibond C18 Column, 4.6x50mm, 5µm, 100Å	UB030049-0	Unibond C18, 300 mm x 3.9 mm x 10 µm

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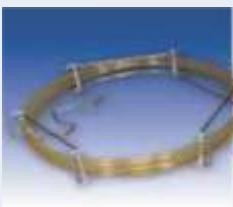
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Chromatography

## Columns and supplies catalog



HPLC



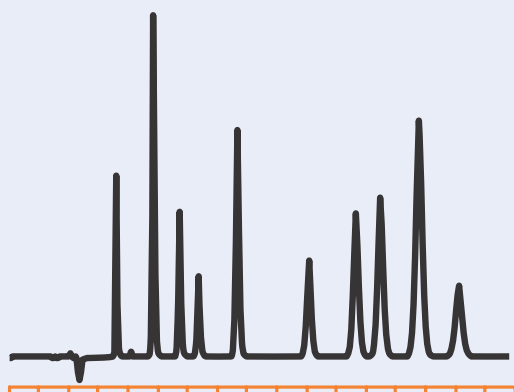
GC



SPE and Flash



Crimper & Decrimper



... we Meet your Needs

**MACHERY-NAGEL**

[www.mn-net.com](http://www.mn-net.com)



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## SETonic

Setonic GmbH (Germany)

**Tecan XP Syringes**  
Replacement syringe  
for Tecan pump  
Front Fitting: 1/4"-28UNF



**Tecan XE Syringes**  
Replacement syringes for Tecan  
syringe pump



**Tecan XLP Syringes**  
Replacement syringes  
for Tecan syringe pump  
Front Fitting: 1/4"-28UNF



### GC PAL, CombiPAL



### Agilent 7673



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## Lab Consumable Scales & Balances Accessories



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<p>Flat Bottom Square Polystyrene Weighing Boats Color: Light Trans White, Antistatic Large size, Capacity: 250ml, Dim: 135 x 135 x 24 mm (5.3 x 5.3 x 0.9") (Pk. of 500 nos.) Part No. GTPSS13513524N Make - Gorjest Technologies</p>	
<p>Hexagonal Polystyrene Weighing Dishes Color: Light Trans White, Antistatic Large size, Capacity: 200ml, OD: 4-3/4", Dep: 7/8" (Pk. of 500 nos.) Part No. GTPSH70N Make - Gorjest Technologies</p>	
<p>Polystyrene Weighing Vessels Color: Light Trans White, Antistatic Medium size, Capacity: 120ml, Dim: 133 x 85 x 26 mm (5.2 x 3.2 x 1") (Pk. of 250 nos.) Part no:- GTPSV1338526N Make - Gorjest Technologies</p>	
<p>Square Polystyrene Weighing Boats with Small Easy-Pour Spout, Color: Light Trans White, Antistatic Medium size, Capacity: 100ml, Dim: 89 x 89 x 25 mm (3.5 x 3.5 x 1") (Pk. of 250 nos.) Part no:- GTPSSP898925N Make - Gorjest Technologies</p>	
<p>Hexagon Plastic Weighing Dishes Color: Light Trans White, Antistatic Medium size, Capacity, 50ml, OD: 3", Dep: 3/4" (Pk. of 500 nos.) Part no:- GTPSH45N Make - Gorjest Technologies</p>	
<p>Diamond Shape Polystyrene Weighing Boats Color: Light Trans White, Antistatic Medium size, Capacity: 30ml, Dim: 80 x 60 x 18 mm (3.1 x 2.4 x 0.7") (Pk. of 250 nos.) Part no:- GTPSD806018N Make - Gorjest Technologies</p>	

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<p>Canoe Plastic Weighing Dishes Color: Light Trans White, Antistatic Small size, Capacity: 20ml, Dim: 57 x 44 x 8 mm (2.2 x 1.8 x 0.3") (Pk. of 250 nos.) Part no:- GTPSC57448N Make - Gorjest Technologies</p>	
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<p>Color: Light Trans White, Antistatic Small size, Capacity: 15ml, Dim: 53 x 38 x 13 mm (2.1 x 1.5 x 0.5") (Pk. of 250 nos.) Part no:- GTPSV533813N Make - Gorjest Technologies</p>	
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<p>Square Polystyrene Weighing Boats with Small Easy-Pour Spout Color: Light Trans White, Antistatic Small size, Capacity: 7ml, Dim: 41 x 41 x 8 mm (1.6 x 1.6 x 0.3") (Pk. of 500 nos.) Part no:- GTPSS041418N Make - Gorjest Technologies</p>	
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<p>Diamond Shape Polystyrene Weighing Boats Color: Light Trans White, Antistatic Small size, Capacity: 5ml, Dim: 58 x 36 x 6 mm (2.2 x 1.4 x 0.2") (Pk. of 250 nos.) Part no:- GTPSD58366N Make - Gorjest Technologies</p>	
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<p>Aluminum Moisture Weighing Pans (Pk of 80 nos.) Capacity:- 60ml Top ID:- 103mm / Base OD:- 90mm Depth:- 8mm Thickness:- 0.1mm Part no:- GTALMPA60801 Make : Gorjest Technologies</p>	
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<p>Aluminum Moisture Weighing Pans (Pk of 25 nos.) Capacity:- 70ml Dia. 72 mm x Depth. 18mm Part no:- GTWBALSW7218 Make : Gorjest Technologies</p>	
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DSC & TGA Aluminium Sample Pan with Lid  
& Pin (Pk. of 100 nos.)  
Capacity:- 40ul,  
Size: 6.0 x 1.7mm  
Part no:- GTME-00027331  
Make : Gorjest Technologies



Round Micro Aluminum Weighing Boat with  
Handle (Pk. of 100 nos.)  
Capacity:- 250ul,  
Size:- 11mm x 6.0 mm H  
Part No:- GTAB11060H  
Make : Gorjest Technologies



DSC & TGA Aluminium Sample Pan with Lid  
(Pk. of 100 nos.)  
Capacity:- 40ul,  
Size: 6.65 x 1.7mm  
Part no:- GTTA900786.901  
Make : Gorjest Technologies



Weighing Funnel PP Anti-Static Small  
Fits To Flask 10 - 50 ML  
50 Pack  
Part no:- GTZ509337  
Make : Gorjest Technologies



Plastic Micro Weighing Boat Capacity: 500ul, (pk of 1000 nos.)  
Dim - 25mm x 8.9mm x 7.5mm  
Color: Light Trans White, Antistatic,  
Part no:- GTPS2508975N  
Make : Gorjest Technologies



Aluminum Shovel for Transferring Lab Powder and Micro Crucible,  
Big size, 16mm\*7mm  
100 nos in 1 pk  
Part no:- GTASC167  
Make : Gorjest Technologies



Aluminum Shovel for Transferring Lab Powder and Micro Crucible,  
Small size, 10mm\*7mm  
100 nos in 1 pk  
Part no:- GTASC107  
Make : Gorjest Technologies



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## Nylon

- High mechanical and tensile strength.
- Universal application for analytical procedures.
- Two types in pore size: 0.22µm and 0.45µm.
- Three types in filter size: 13mm, 25mm and 33mm.



### Typical data

Material	Nylon	
Material of housing	PP	
Effective filtration area(cm <sup>2</sup> )	13mm/1.13cm <sup>2</sup>	25mm/4.15cm <sup>2</sup>
Pore size(µm)	0.22/0.45	
Process volume(ml)	<10ml(13mm)	<100ml(25mm)
Maximum Operating Temperature	100°C	
Maximum Operating Pressure(psi)	87psi	

## PVDF

- Filtration of water-soluble oligomers and polymers, e.g. protein solutions.
- Filtration of hydrophobic substances in different organic solvents.
- Two types in pore size: 0.22µm and 0.45µm.
- Three types in filter size: 13mm, 25mm and 33mm.



### Typical data

Material	PVDF Hydrophobic	
Material of housing	PP	
Effective filtration area(cm <sup>2</sup> )	13mm/1.13cm <sup>2</sup>	25mm/4.15cm <sup>2</sup>
Pore size(µm)	0.22/0.45	
Process volume(ml)	<10ml(13mm)	<100ml(25mm)
Maximum Operating Temperature	100°C	
Maximum Operating Pressure(psi)	87psi	

## PTFE

- Hydrophobic PTFE syringe filters have broad chemical compatibility and high pH resistance.
- Versatile filters for use with aggressive organic solvent-based solutions and are especially ideal for HPLC sample preparation.
- Two types in pore size: 0.22µm and 0.45µm.
- Three types in filter size: 13mm, 25mm and 33mm.



### Typical data

Material	PTFE Hydrophobic	
Material of housing	PP	
Effective filtration area(cm <sup>2</sup> )	13mm/1.13cm <sup>2</sup>	25mm/4.15cm <sup>2</sup>
Pore size(µm)	0.22/0.45	
Process volume(ml)	<10ml(13mm)	<100ml(25mm)
Maximum Operating Temperature	130°C	
Maximum Operating Pressure(psi)	87psi	

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## Certificate of Analysis

### Message of the sample

Identification of product	GTTX714A
Product name	Cotton swabs with plastic rods



### Test item :

serial number	Product name and analysis items	Unit	spot check	Standard	Check the record			Sampling inspection results
					1	2	3	
1	Total length	mm	S-4	122±5	123	123	123	OK
2	The length of the head	mm	S-4	25±3	23	24	24	OK
3	The head width	mm	S-4	12±1	12	12	12	OK
4	Appearance	No dirt, damage						OK

### Comprehensive judgment:

Comprehensive judgment	Qualified
------------------------	-----------

Weighing Funnel PP Anti-Static Small

IFits To Flask 10 - 50 ML

50 Pack Part no:- GTZ509337

Make : Gorjest Technologies



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Dealers in all types of laboratory equipments & consumables



## Disposable Titration Cups

(with graduation mark)

Part No. GT51109389

### Polypropylene titration beakers, (pk of 120 nos.)

*Ideal for most applications, polypropylene 100 mL titration beakers are the industry standard.*



#### **Robust**

Flexible, not breakable like traditional glass lab beakers.  
Disposable after use

#### **Graduated**

Convenient 20 mL graduations make quick measurements easier.

#### **Resistant to chemicals**

Good chemical resistance for the majority of common lab applications.

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Dealers in all types of laboratory equipments & consumables



WEIGHTS FOR THE BEST

WEIGHTS AND  
WEIGHT SETS



Registrier-Nr. 059993 QM08  
DIN EN ISO 9001:2008



DIN EN ISO / IEC 17025:2005







Deutsche  
Akkreditierungsstelle  
D-K-15192-01-00



# Unichrome<sup>®</sup> Associates

Dealers in all types of laboratory equipments & consumables

## SETSSets with mg- weights (wire shape)

Nominal value	Qty.	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case with insert	<b>DAkks</b> Calibration certificate
			Art.-Nr.	Art.-Nr.	Art.-Nr.	Art.-Nr.	8.0000- Art.-Nr.
1 mg 5 g	16	6,11 g	8.XEHP-730	8.XEHM-730		8.XEHR-730	731
1 mg 50 g	20	111,11 g	8.XEHP-760	8.XEHM-760		8.XEHR-760	761
1 mg 100 g	21	211,11 g	8.XEHP-770	8.XEHM-770	8.XEHS-770	8.XEHR-770	771
1 mg 200 g	23	611,11 g	8.XEHP-780	8.XEHM-780	8.XEHS-780	8.XEHR-780	781
1 mg 500 g	24	1.111,11 g	8.XEHP-790	8.XEHM-790	8.XEHS-790	8.XEHR-790	791
1 mg 1 kg	25	2.111,11 g	8.XEHP-810	8.XEHM-810	8.XEHS-810	8.XEHR-810	811
1 mg 2 kg	27	6.111,11 g	8.XEHP-820	8.XEHM-820	8.XEHS-820	8.XEHR-820	821
1 mg 5 kg	28	11.111,11 g	8.XEHP-830	8.XEHM-830	8.XEHS-830	8.XEHR-830	831
1 mg 10 kg	29	21.111,11 g	8.XEHP-840	8.XEHM-840	8.XEHS-840	8.XEHR-840	841
1 mg 1 kg (2x)	38	3.778,22 g	8.XEHP-850	8.XEHM-850	8.XEHS-850	8.XEHR-850	851

Weights in the exclusive assortment case.

### ACCESSORIES




All weight sets include gloves, two brushes and two tweezers.  
Up to 50 g without big tweezers, big brush and gloves.




 CLEAN ROOM PLASTIC CASES

 MAHOGANY WOODEN BOX

 SERVICE CASE

 CLEAN ROOM CASE  
removeable inserts





 PLASTIC BOXES  
WITH SCREWED TOP

### HOW TO DETERMINE THE NECESSARY TEST WEIGHTS

#### MAXIMUM TOLERANCE FOR WEIGHTS ACCORDING TO OIML R111:2004

Nominal value	E1	E2	F1	F2	M1	M1-2	M2	M2-3	M3
	+/- mg	+/- mg	+/- mg	+/- mg	+/- mg	+/- mg	+/- mg	+/- mg	+/- mg
1 mg	0,003	0,006	0,020	0,06	0,20				
2 mg	0,003	0,006	0,020	0,06	0,20				
5 mg	0,003	0,006	0,020	0,06	0,20				
10 mg	0,003	0,008	0,025	0,08	0,25				
20 mg	0,003	0,010	0,03	0,10	0,3				
50 mg	0,004	0,012	0,04	0,12	0,4				
100 mg	0,005	0,016	0,05	0,16	0,5		1,6		
200 mg	0,006	0,020	0,06	0,20	0,6		2,0		
500 mg	0,008	0,025	0,08	0,25	0,8		2,5		
1 g	0,010	0,030	0,10	0,3	1,0		3,0		10
2 g	0,012	0,040	0,12	0,4	1,2		4,0		12
5 g	0,016	0,050	0,16	0,5	1,6		5,0		16
10 g	0,020	0,060	0,20	0,6	2,0		6,0		20
20 g	0,025	0,080	0,25	0,8	2,5		8,0		25
50 g	0,030	0,10	0,3	1,0	3,0		10		30
100 g	0,05	0,16	0,5	1,6	5		16		50
200 g	0,10	0,30	1,0	3,0	10		30		100
500 g	0,25	0,80	2,5	8,0	25		80		250
1 kg	0,5	1,6	5	16	50		160		500
2 kg	1,0	3,0	10	30	100		300		1.000
5 kg	2,5	8,0	25	80	250		800		2.500
10 kg	5	16	50	160	500		1.600		5.000
20 kg	10	30	100	300	1.000		3.000		10.000
50 kg	25	80	250	800	2.500	5.000	8.000	16.000	25.000
		<b>+/- g</b>	<b>+/- g</b>	<b>+/- g</b>	<b>+/- g</b>	<b>+/- g</b>	<b>+/- g</b>	<b>+/- g</b>	<b>+/- g</b>
100 kg		0,16	0,5	1,6	5	10	16	30	50
200 kg		0,30	1,0	3,0	10	20	30	60	100
500 kg		0,80	2,5	8,0	25	50	80	160	250
1.000 kg		1,6	5	16	50	100	160	300	500
2.000 kg			10	30	100	200	300	600	1.000
5.000 kg			25	80	250	500	800	1.600	2.500

#### SETSwith mg- weights (wire shape)

Nominal value	Qty.	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case removeable inserts	PTB Calibration certificate	DAkkS Calibration certificate
			Art.no.	Art.no.	Art.no.	Art.no.	9.0000- Art.no.	9.0000- Art.no.
1 mg 5 g	16	6,11 g	9.XEHP-730	9.XEHM-730			736	731
1 mg 50 g	20	111,11 g	9.XEHP-760	9.XEHM-760		9.XEHR-760	766	761
1 mg 100 g	21	211,11 g	9.XEHP-770	9.XEHM-770	9.XEHS-770	9.XEHR-770	776	771
1 mg 200 g	23	611,11 g	9.XEHP-780	9.XEHM-780	9.XEHS-780	9.XEHR-780	786	781
1 mg 500 g	24	1.111,11 g	9.XEHP-790	9.XEHM-790	9.XEHS-790	9.XEHR-790	796	791
1 mg 1 kg	25	2.111,11 g	9.XEHP-810	9.XEHM-810	9.XEHS-810	9.XEHR-810	816	811
1 mg 2 kg	27	6.111,11 g	9.XEHP-820	9.XEHM-820	9.XEHS-820	9.XEHR-820	826	821
1 mg 5 kg	28	11.111,11 g	9.XEHP-830	9.XEHM-830	9.XEHS-830	9.XEHR-830	836	831
1 mg 10 kg	29	21.111,11 g	9.XEHP-840	9.XEHM-840	9.XEHS-840	9.XEHR-840	846	841
1 mg 1 kg (2x)	38	3.778,22 g	9.XEHP-850	9.XEHM-850	9.XEHS-850	9.XEHR-850	856	851

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- HP 1100,1200,1260,1290



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- D2 Lamp for Waters UV & PDA
- 2487 & 2996



- Long Life
- Certified
- Warranty 1000 hrs.
- D2 Lamp for Shimadzu Spectrophotometer UV 160,1601,1700,1800.

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## EPA/TOC Vials & Closures

- If you are doing any sampling, testing, or validation, you need to make sure the results were not skewed by a contaminant that may have come from the container.
- GORJEST offers a range of certified EPA Screw Vial Convenience Kits which are suitable on all TOC manufacturer's instruments, including Sievers, Shimadzu, OI Analytical, and Teledyne-Tekmar.
- All Certified to contain <10ppb Carbon, giving you confidence in the quality of your TOC measurements.
- Teflon lined caps and protective dust covers.
- Superior vial-to-vial consistency.
- Capped with teflon lined silicone septa and dust cover.
- Widely apply to air, water, soil analysis test, also pesticide residue, pharmaceutical manufacturing and forensic test.

### > EPA/TOC



**Description**  
20mL 27.5x57mm  
Clear Glass EPA/TOC Vial  
24-400 White Open Top PP Screw Cap  
with 22mm Natural PTFE/White Silicone  
3.0mm thick Septa (EPA Quality).



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