LVL
Technologies

25 years
LVL

Disposable tips for automated liquid handler

Our tips are top!

Based on over 25 years of experience LVL-Technologies have developed a variety of molding procedures for manufacturing plastic consumables used with laboratory automation. LVL-products are of the highest quality and specifications of precision and efficiency, as required in the fields of diagnostics, transfusion medicine and pharmaceutical industry.

Quality Consumables are Key to Optimal Performance

LVL-Technologies have released a comprehensive range of disposable tips which are suitable for use with a wide variety of automated liquid handling instruments. To ensure that these instruments perform to the best of their abilities, the quality of the disposable tips used with them has to be assured to guarantee the reproducibility and the reliability of the analysis. LVL-Technologies disposable tips are produced by automated injection molding machines under clean-room conditions.

Each lot-no. batch is required to pass several in-house quality-checks, in order to guarantee the quality of each single tip.

The entire production process of the GOLD range of disposable tips is continuously monitored, in order to guarantee the tips are free of DNase, RNase, ATP and endotoxins.

Customer satisfaction is our mission!

LVL-Technologies constantly strive to ensure our clients absolute satisfaction in every aspect of our business. Our entire range of robotic compatible disposable tips fulfill your demands for value for money, product quality and short-term availability.

conductive or not

sterile or not

w / w/o filter

… for a wide range of robotic instruments

Abbott Diagnostic	Hamilton
Bio-Rad	Human
Biotest	Olympus
Beckman	PerkinElmer
Caliper	Qiagen
Dade Behring /Siemens	Stratec
Diasorin	Tecan
Euroimmun	Virion/Serion

Silver or Gold

All LVL-Technologies disposable tips are manufactured to the same high standards allowing us to guarantee the reproducibility and reliability of the analysis. However, LVL-Technologies offers two ranges of tips to address the differing purity requirements of different applications; SILVER tips for ELISA tests or simple sample handling, and GOLD tips for cell biology, microbiology or cell-based screening.

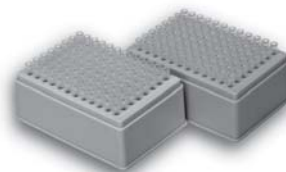|	SILVER	GOLD
Application examples/ customer segments	ELISA Sample handling Biochem. screening	Cell biology Microbiology Cell-based screening
LVL Standard purity	●	●
Human DNA free		●
RNase/DNase free		●
Pyrogen/Endotoxin free		●
Sterile		●

Our tip packaging is optimized

LVL-Technologies disposable tips are offered in a range of pack sizes and in different packaging solutions (conductive, non-conductive, with or without filter, blister packed or cardboard wrapped, etc.) to comply with the different demands of cost saving packing and guaranteed product purity.

Tip-rack in SBS-format
Racked tips in SBS-format are guaranteed sterile, pyrogen-free, DNase/RNase-free and ATP-free. The 96- or 384-rack is covered with a lid made of polypropylene. Following the SBS-standard the tips can be optimal stapled, directly used in automated stackers or in robotic instruments without re-packing.

Blister five and Blister single
96 tip-racks in blister-packing are guaranteed sterile, pyrogen-free, DNase/RNase-free and ATP-free. LVL-Technologies offers two versions: Blister Five and Bilster Single.

ECO-Pack! Why ship air?
Disposable tips are packed into a simple rack, not a box, that fits directly into a carrier on your robotic system. Because the tips are not enclosed in a box, two racks can be packed facing each other effectively packing 192 tips into the space that just 96 would normally take. This clever idea, the ECO pack, cuts transportation costs in half and reduces the carbon footprint of our products.

Our range of tips

Page 5 – 10 shows the current range of disposable tips. Each product is clearly labeled as either SILVER or GOLD. The article number shows instrument manufacturer as a short abbreviation, followed by the tip-volume, followed by properties:

C = conductive, S = sterile, F = with filter.

For example XXX-200-SF is a 200µl filtered tip in sterile packaging that will fit an XXX instrument.

Beckman

conductive, sterile, DNase/RNase free, in 96er-SBS rack compatible with the robotic instruments

GOLD

Biomek FX per NX, Multimek AP96 and Biomek 3000

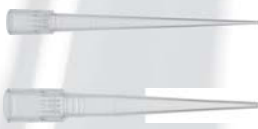| Article-Number	Description	Packaging Unit	Tips/Case
BM-20-CS	20µl disposable tip, conductive, sterile	5 units x 10 racks x 96 tips	4800
BM-20-CSF	20µl disposable tip, conductive, sterile, filter	5 units x 10 racks x 96 tips	4800
BM-250-CS	250µl disposable tip, conductive, sterile	5 units x 10 racks x 96 tips	4800
BM-250-CSF	250µl disposable tip, conductive, sterile, filter	5 units x 10 racks x 96 tips	4800

clear, sterile, DNase/RNase free, in 384-SBS rack compatible with the robotic instruments
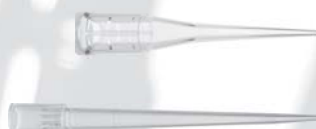
GOLD

Biomek FX per NX, Multimek AP384

Article-Number	Description	Packaging Unit	Tips/Case
BM-30-S	30µl disposable tip clear sterile	10 racks x 384 tips	3840
BM-30-SF	30µl disposable tip clear, sterile	10 racks x 384 tips	3840
BM-50-S	50µl disposable tip clear sterile	10 racks x 384 tips	3840
BM-50-SF	50µl disposable tip clear, sterile	10 racks x 384 tips	3840

clear, sterile, DNase/RNase free, in 96-SBS rack compatible with the robotic instruments

GOLD

Biomek FX per NX, Multimek AP96 and Biomek 3000

Article-Number	Description	Packaging Unit	Tips/Case
BM-20-S	20µl disposable, tip clear, sterile	5 units x 10 racks x 96 tips	4800
BM-20-SF	20µl disposable, tip clear, sterile, filter	5 units x 10 racks x 96 tips	4800
BM-250-S	250µl disposable, tip clear, sterile	5 units x 10 racks x 96 tips	4800
BM-250-SF	250µl disposable, tip clear, sterile, filter	5 units x 10 racks x 96 tips	4800

Caliper

clear, sterile, DNase/RNase free, in 96-SBS rack compatible with the robotic instruments

GOLD

Zymark, Zephyrm, Zymark Rapidplate per Sciclone

Article-Number	Description	Packaging Unit	Tips/Case
CAL-50-S	50µl disposable tip, clear, sterile	5 units x 10 racks x 96 tips	4800
CAL-50-SF	50µl disposable tip, clear, sterile, filter	5 units x 10 racks x 96 tips	4800
CAL-200-S	200µl disposable tip, clear, sterile	5 units x 10 racks x 96 tips	4800
CAL-200-SF	200µl disposable tip, clear, sterile, filter	5 units x 10 racks x 96 tips	4800

Hamilton

conductive in ECO, 96 tips per rack 20 racks can be loaded on the platform in one step, compatible with the robotic instruments

SILVER

STAR, STARLET

Article-Number	Description	Packaging Unit	Tips/Case
HAM-10-C	10µl disposable tip, conductive, stacked in racks	4 x 5 racks x 96 tips x 6 units	11520
HAM-50-C	50µl disposable tip, conductive, stacked in racks	4 x 5 racks x 96 tips x 6 units	11520
HAM-300-C	300µl disposable tip, conductive, stacked in racks	4 x 5 racks x 96 tips x 6 units	11520

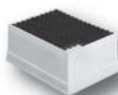conductive, sterile, DNase/RNase free, in blister five x 96 tips compatible with the robotic instruments

GOLD

STAR, STARLET

Article-Number	Description	Packaging Unit	Tips/Case
HAM-10-CS	10µl disposable tip, conductive, sterile	16 units x blister five x 96 tips	7680
HAM-10-CSF	10µl disposable tip, conductive, sterile, filter	16 units x blister five x 96 tips	7680
HAM-50-CS	50µl, disposable tip, conductive, sterile	16 units x blister five x 96 tips	7680
HAM-50-CSF	50µl, disposable tip, conductive, sterile, filter	16 units x blister five x 96 tips	7680
HAM-300-CS	300µl, disposable tip, conductive, sterile	16 units x blister five x 96 tips	7680
HAM-300-CSF	300µl, disposable tip, conductive, sterile, filter	16 units x blister five x 96 tips	7680
HAM-1000-CS	1000µl disposable tip, condcutive, sterile	10 units x blister five x 96 tips	4800
HAM-1000-CSF	1000µl disposable tip, condcutive, sterile, filter	10 units x blister five x 96 tips	4800

Olympus

conductive, in 140-rack or bag, compatible with the robotic instrument

SILVER

OLA 2500

Article-Number	Description	Packaging Unit	Tips/Case
OLA-1000-C	1000µl disposable tip, conductive, in 140-rack	6 units x 6 racks x 140 tips	5040
OLA-1000-bag	1000µl disposable tip, conductive, in 1400-bag	10units x 10 x 140	14000

PerkinElmer

conductive, in ECO, 96 tips / rack compatible with the robotic instruments

SILVER

Packard Multiprobe II, Janus (w/ Multiprobe Head)

Article-Number	Description	Packaging Unit	Tips/Case
PE-20-C	20µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
PE-50-C	50µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
PE-50-CF	50µl disposable tip, conductive, filter	5 units x 10 racks x 96 tips	4800
PE-200-C	200µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
PE-200-CF	200µl disposable tip, conductive, filter	5 units x 10 racks x 96 tips	4800
PE-1000-C	1000µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
PE-1000-CF	1000µl disposable tip, conductive, filter	5 units x 10 racks x 96 tips	4800

conductive, sterile, DNase/RNase free, in blister single, 96 tips / rack
compatible with the robotic instruments

GOLD

Packard Multiprobe II, Janus (w/ Multiprobe Head)

Article-Number	Description	Packaging Unit	Tips/Case
PE-20-CS	20µl disposable tip, conductive, sterile	24 blister x 96 tips	2304
PE-20-CSF	20µl, disposable tip, conductive, sterile, filter	24 blister x 96 tips	2304
PE-50-CS	50µl disposable tip, conductive, sterile	32 blister x 96 tips	3072
PE-50-CSF	50µl, disposable tip, conductive, sterile, filter	32 blister x 96 tips	3072
PE-200-CS	200µl disposable tip, conductive, sterile	32 blister x 96 tips	3072
PE-200-CSF	200µl, disposable tip, conductive, sterile, filter	32 blister x 96 tips	3072
PE-1000-CS	1000µl disposable tip, conductive, sterile	40 blister x 96 tips	3840
PE-1000-CSF	1000µl, disposable tip, conductive, sterile, filter	40 blister x 96 tips	3840

Qiagen

SILVER

conductive, in ECO package, 96 tips / rack, compatible with the robotic instruments

Biorobot 3000, 8000, 9600, 9604

Article-Number	Description	Packaging Unit	Tips/Case
QIA-300-C	300µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
QIA-300-CF	300µl disposable tip, conductive, filter	5 units x 10 racks x 96 tips	4800
QIA-1100-C	1100µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
QIA-1100-CF	1100µl disposable tip, conductive, filter	5 units x 10 racks x 96 tips	4800

GOLD

conductive, sterile, DNase/RNase free, in blister single package, 96 tips / in rack, compatible with the robotic instruments

Biorobot 3000, 8000, 9600, 9604

Article-Number	Description	Packaging Unit	Tips/Case
QIA-300-CS	300µl disposable tip, conductive, sterile	32 blister x 96 tips	3072
QIA-300-CSF	300µl disposable tip, conductive, sterile, filter	32 blister x 96 tips	3072
QIA-1100-CS	1100µl disposable tip, conductive, sterile	20 blister x 96 tips	1920
QIA-1100-CSF	1100µl disposable tip, conductive, sterile, filter	20 blister x 96 tips	1920

SILVER

conductive, in ECO package, 96 tips / rack, compatible with the robotic instruments

Corbett: CAS 1200/ 4200/ 4800

Article-Number	Description	Packaging Unit	Tips/Case
QIA-20-C	20µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
QIA-50-C	50µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
QIA-50-CF	50µl disposable tip, conductive, filter	5 units x 10 racks x 96 tips	4800
QIA-200-C	200µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
QIA-200-CF	200µl disposable tip, conductive, filter	5 units x 10 racks x 96 tips	4800
QIA-1000-C	1000µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
QIA-1000-CF	1000µl disposable tip, conductive, filter	5 units x 10 racks x 96 tips	4800

GOLD

conductive, sterile, DNase/RNase free, in blister single package, 96 tips / rack, compatible with the robotic instruments

Corbett: CAS 1200/ 4200/ 4800

Article-Number	Description	Packaging Unit	Tips/Case
QIA-20-CS	20µl disposable tip, conductive, sterile	24 blister x 96 tips	2304
QIA-20-CSF	20µl disposable tip, conductive, sterile, filter	24 blister x 96 tips	2304
QIA-50-CS	50µl disposable tip, conductive, sterile	32 blister x 96 tips	3072
QIA-50-CSF	50µl disposable tip, conductive, sterile, filter	32 blister x 96 tips	3072
QIA-200-CS	200µl disposable tip, conductive, sterile	32 blister x 96 tips	3072
QIA-200-CSF	200µl disposable tip, conductive, sterile, filter	32 blister x 96 tips	3072
QIA-1000-CS	1000µl disposable tip, conductive, sterile	40 blister x 96 tips	3840
QIA-1000-CSF	1000µl disposable tip, conductive, sterile, filter	40 blister x 96 tips	3840

Stratec

conductive, in ECO, 96 tips / in rack for Stratec Biomedical Robots compatible with the robotic instruments

Abbott Diagnostic: en4lisa, m2000
Bio-Rad: Evolis
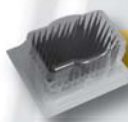Biotest: Quickstep
Dade Behring (Siemens): BEP 2000 Advance
Diasorin : Etimax 3000
Euroimmun: Euroimmun Analyzer
Human : Elisys Quattro
Virion/Serion: Immunomat

Article-Number	Description	Packaging Unit	Tips/Case
STR-300-C	300µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
STR-300-CF	300µl disposable tip, conductive, filter	5 units x 10 racks x 96 tips	4800
STR-1100-C	1100µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
STR-1100-CF	1100µl disposable tip, conductive, filter	5 units x 10 racks x 96 tips	4800

conductive, sterile, DNase/RNase free, in blister single, 96 tips / in rack for Stratec Biomedical Robots compatible with the robotic instruments

Abbott Diagnostic: en4lisa, m2000
Bio-Rad: Evolis
Biotest: Quickstep
Dade Behring (Siemens): BEP 2000 Advance
Diasorin : Etimax 3000
Euroimmun: Euroimmun Analyzer
Human : Elisys Quattro
Virion/Serion: Immunomat

Article-Number	Description	Packaging Unit	Tips/Case
STR-300-CS	300µl disposable tip, conductive, sterile	32 blister single x 96 tips	3072
STR-300-CFS	300µl disposable tip, conductive, sterile, filter	32 blister single x 96 tips	3072
STR-1100-CS	1100µl disposable tip, conductive, sterile	20 blister single x 96 tips	1920
STR-1100-CSF	1100µl disposable tip, conductive, sterile, filter	20 blister single x 96 tips	1920

Tecan

conductive, in ECO, 96 tips / rack, compatible with the robotic instruments

SILVER

Genesis, Freedom EVO workstations

Article-Number	Description	Packaging Unit	Tips/Case
TEC-20-C	20µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
TEC-50-C	50µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
TEC-50-CF	50µl disposable tip, conductive, filter	5 units x 10 racks x 96 tips	4800
TEC-200-C	200µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
TEC-200-CF	200µl disposable tip, conductive, filter	5 units x 10 racks x 96 tips	4800
TEC-1000-C	1000µl disposable tip, conductive	5 units x 10 racks x 96 tips	4800
TEC-1000-CF	1000µl disposable tip, conductive, filter	5 units x 10 racks x 96 tips	4800

conductive, sterile, DNase/RNase free, in blister single, 96 tips / rack
compatible with the robotic instruments

GOLD

Genesis, Freedom EVO workstations

Article-Number	Description	Packaging Unit	Tips/Case
TEC-20-CS	20µl disposable tip, conductive, sterile	24 blister x 96 tips	2304
TEC-20-CSF	20µl disposable tip, conductive, sterile, filter	24 blister x 96 tips	2304
TEC-50-CS	50µl disposable tip, conductive, sterile	32 blister x 96 tips	3072
TEC-50-CSF	50µl disposable tip, conductive, sterile, filter	32 blister x 96 tips	3072
TEC-200-CS	200µl disposable tip, conductive, sterile	32 blister x 96 tips	3072
TEC-200-CSF	200µl disposable tip, conductive, sterile, filter	32 blister x 96 tips	3072
TEC-1000-CS	1000µl disposable tip, conductive, sterile	40 blister x 96 tips	3840
TEC-1000-CSF	1000µl disposable tip, conductive, sterile, filter	40 blister x 96 tips	3840

clear, for multichannel head, sterile, DNase/RNase free, in 96-SBS, rack, compatible
with the robotic instruments

GOLD

TEMO, Aquarius, MCA 96

Article-Number	Description	Packaging Unit	Tips/Case
TEC-50-S	50ul disposable tip, sterile	5 units x 10 racks x 96 tips	4800
TEC-50-SF	50ul disposable tip, sterile, filter	5 units x 10 racks x 96 tips	4800
TEC-200-S	200ul disposable tip, sterile	5 units x 10 racks x 96 tips	4800
TEC-200-SF	200ul disposable tip, sterile, filter	5 units x 10 racks x 96 tips	4800

25 years of LVL-Technologies
1986-2011

Plastic consumables

Based on over 25 years of experience LVL-Technologies have developed a variety of molding procedures for manufacturing plastic consumables used with laboratory automation. LVL-products are of the highest quality and specifications of precision and efficiency, as required in the fields of diagnostics, transfusion medicine and pharmaceutical industry.

Cleaning system

To further ensure the optimal performance of your systems, LVL-Technologies have also developed „System Clean" for automated liquid handling systems and diagnostic analysers.

Seals for microplates

The product range is completed with a range of microplates foils and seals for microplates, as well as microplate sealers and piercers.

Customized engineering

The newest range to join the LVL-Technologies product portfolio is the customized engineering. Hundreds of customized solutions have been developed by in-house engineers in close co-operation with our customers using up-to-date 3D CAD-systems. Our fast prototyping ability enables quick and easy optimisation of the desired end-product.

Our TIPs are top

More LVL-Products

Cleaning Solutions

Tube Rack Systems 1,2ml

Tube Rack System 0,65ml

Single Tubes & 8 Strips

Deep-Well Plates

Reservoirs

Adhesive Foils

Roll of Heat Sealing Foils

Lid for Deep-Well Plates

Profiblot Trays

Life Science Engineering for Liquid
Handling Automation
- Carrier and Racks
- Customized Dust Covers and
   Laminar Flow Systems
- Frames and Cabinets

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