



**consumables
and accessories**
essentials for
innovative technology



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your consumables provider

With its combination of accuracy, ease of use and reliability, TTP Labtech's mosquito® is the protein crystallographer's favorite liquid handling system. TTP Labtech is the sole supplier of the full range of consumables for mosquito® and dragonfly.

Our experience, expertise and innovation in the laboratory technology field have given us a deep understanding of what our customers require.

TTP Labtech online store (www.ttplabtechstore.com) combines speed and ease of purchase with the highest quality products.

quality assured

TTP Labtech consumables are developed and manufactured to the same high standard of design and engineering as our instruments – quality we also demand from our suppliers. The combination of cutting-edge innovation and precision manufacturing ensures accurate results in the lab, every time.

service excellence

Our consumables come with the same unparalleled technical and application support as TTP Labtech instruments. We pride ourselves on the personal relationships that our dedicated team of experts build with our customers every day.

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pipette tips and syringes



4150-03010

Spool of mosquito pipette tips at 4.5 mm pitch (36,000 per spool)

These unique disposable positive-displacement pipettes give superior accuracy pipetting for a wide range of liquid viscosities. The high-density storage spool contains over 36,000 pipettes with a volume range of 25 nL to 1.2 μ L, suitable for use with 384- and 1,536-well plates.



4150-03020

Spool of mosquito pipette tips at 9 mm pitch (26,000 per spool)

These unique disposable positive-displacement pipettes give superior accuracy pipetting for a wide range of liquid viscosities. The high-density storage spool contains over 26,000 pipettes with a volume range of 25 nL to 1.2 μ L, suitable for addressing 96-, 384- and 1,536-well plates.



4150-03015

Spool of mosquito HV pipette tips at 4.5 mm pitch (18,500 per spool)

These unique disposable positive-displacement pipettes give superior accuracy pipetting for a wide range of liquid viscosities. The high-density storage spool contains over 18,500 pipettes with a volume range of 500 nL to 5 μ L, suitable for addressing 384- and 1,536-well plates.



4150-03025

Spool of mosquito HV pipette tips at 9 mm pitch (13,500 per spool)

These unique disposable positive-displacement pipettes give superior accuracy pipetting for a wide range of liquid viscosities. The high-density storage spool contains over 13,500 pipettes with a volume range of 500 nL to 5 μ L, suitable for addressing 96-, 384- and 1,536-well plates.



4150-07100

Pack of 100 dragonfly syringes (containing 100 syringe bodies and 100 plungers)

These unique disposable, non-contact, positive-displacement syringes give superior accuracy liquid handling for a wide range of liquid viscosities. With a volume range starting at 0.5 μ L and a dispense resolution of only 0.1 μ L, they are suitable for addressing 24-, 48- and 96-well plates.

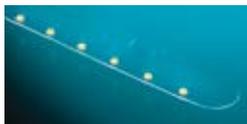
reservoirs



4150-03100

8-position 5 μ L micro-reservoir strips for 9 mm pitch (50/pack)

Disposable clear polypropylene sample strips suitable for holding up to 8 μ L of sample in mosquito Crystal's central deck position or 'XTAL8 4-way micro-reservoir' block.



4150-03110

8-position 2 μ L micro-reservoir strips for 9 mm pitch (50/pack)

Disposable clear polypropylene well strips suitable for holding up to 4 μ L of protein in mosquito Crystal's central deck position or 'XTAL8 4-way micro-reservoir' block.



4150-07103

Pack of 50 dragonfly reservoirs

Individual and disposable polypropylene reservoirs, each with a 10 mL capacity, that load directly into the dragonfly reservoir tray. These reservoirs help ensure easy loading of the individual solutions to be run in dragonfly with fill level indicators for 5 mL and 10 mL levels. They can be washed after use to allow a number of re-uses if desired.

hanging drop plate seals



4150-05100

viewdrop™ 96-well plate seals for hanging drop (25/pack)

A high-performance, ultra-clear small aperture plate seal with neutral hydrophobicity. Suitable for single drop per well and non-UV imaging.



4150-05600

viewdrop™ II 96-well plate seals for hanging drop (25/pack)

A high-performance, ultra-clear large aperture plate seal with slightly hydrophilic surface. It is suitable for up to 3 drops per well. Suitable for non-UV imaging.



4150-05610

viewdrop™ III UV 96-well plate seals for hanging drop (25/pack)

A high-performance, ultra-clear large aperture plate seal with slightly hydrophobic surface. Suitable for 3 drops per well and both UV and non-UV imaging.

plates



4150-05700

96-well clear polystyrene hanging drop plate (100/pack)

A low-cost, optically clear and flat-bottomed 96-well plate for hanging drop set-ups with a wide reservoir volume range of 50-200 μ L. These hardshell plates provide excellent sealing and imaging of the drops, with a unique design around the wells to facilitate cutting of the seals to harvest the crystals.



4150-05810

96-well sitting drop iQ plate (100/pack)

A high-quality, optically clear and flat-bottomed sitting drop plate suitable for both UV and non-UV imaging. It has three identical sitting drop locations and a wide reservoir volume range of 30-80 μ L. These hardshell plates provide excellent sealing and harvesting of the crystals. The flat-bottom wells make imaging of the drops easier compared to concave-shape wells.

LCP accessories



3072-01050

mosquito® LCP syringe coupling

A knurled metal coupling for joining two Hamilton Gastight® Syringes, with very low dead volume, used in mixing the protein and monoolein to prepare the LCP mixture, either using TTP Labtech's LCP mixer or manually.



4150-05902

mosquito® LCP needles (3/pack)

A short, precisely cut, low dead volume needle compatible with the 50 μ L or 100 μ L Hamilton Gastight® Syringes used by mosquito LCP.



our instruments

liquid handling for protein crystallization

mosquito[®] Crystal

Automates protein crystallization vapor diffusion set-ups, additive screening and microseeding.

mosquito[®] LCP

The fully automated solution to lipidic cubic phase (LCP) screening – plus all the functionalities of mosquito Crystal.

liquid handling for assay miniaturizing in screening and genomics

mosquito[®] HTS

Miniaturizes screening applications such as assay-ready plate preparation, reformatting and serial dilutions, as well as molecular biology applications such as NGS sample prep, qPCR and enzymatic digestion reactions.

mosquito[®] X1

Single-channel mosquito for walk-away hit picking from any well in any plate.

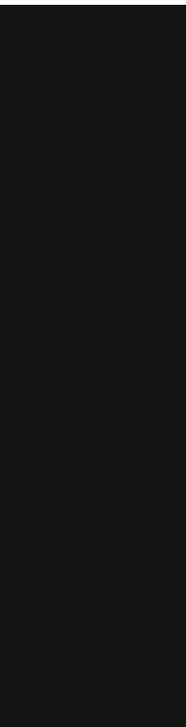
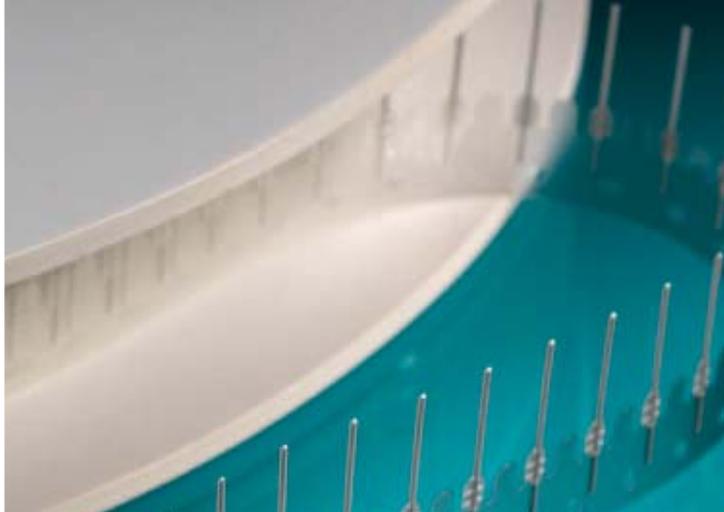
mosquito[®] HV

High-volume liquid handler, bridging the gap between nanolitre and microlitre pipetting.

dragonfly[®]

Simple and accurate screen optimization which offers the freedom to use any liquid type with no need for washing or liquid classification.

essentials for
innovative
technology

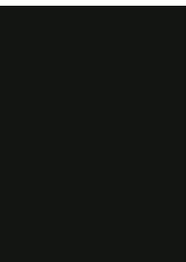
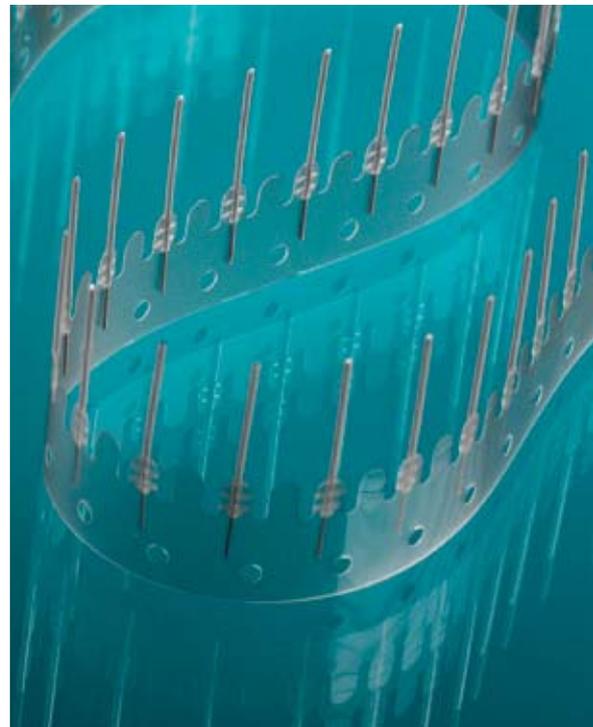


how to order

TTP Labtech consumables can be ordered online via our dedicated website www.ttplabtechstore.com.

If you require more information please contact us.
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