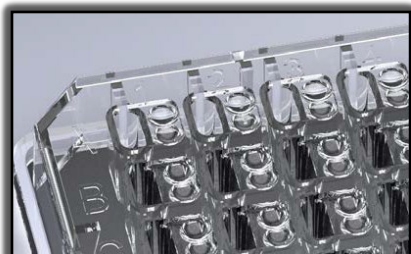


SWISSCI

## PRODUCT CATALOGUE

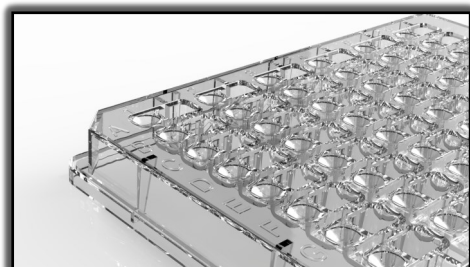
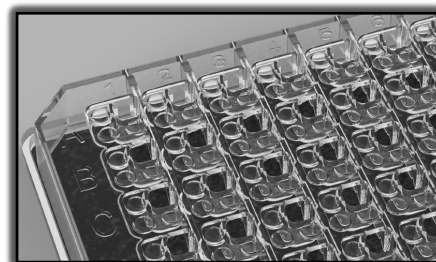
Consumables Product Range for  
Crystallography, Dialysis, Cryo-EM and  
Assays

## SITTING DROP CRYSTALLISATION



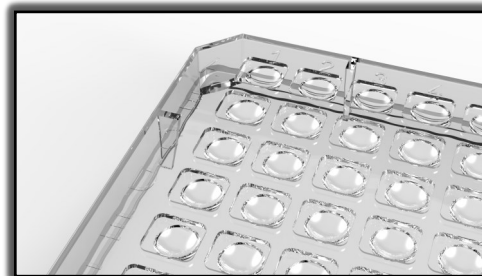
**The SWISSCI MRC 2 Lens Crystallisation Plate** offers unique properties that make it ideal for both nanolitre crystallisation screening and micro-litre optimisation alike. Available in multiple optically superior polymers the plate allows easy crystal viewing and retrieval. Available in our 3 polymers PS, UVP and UVXPO.

**The SWISSCI 3 Lens Crystallisation Plate** is an ideal product for protein crystallisation presented in a 96-well plate format. The SWISSCI 3 Lens Crystallisation Plate offers unique properties that make it ideal for both nanolitre crystallisation screening and microlitre optimisation alike. Available in our 3 polymers PS, UVP and UVXPO and in Low profile format.

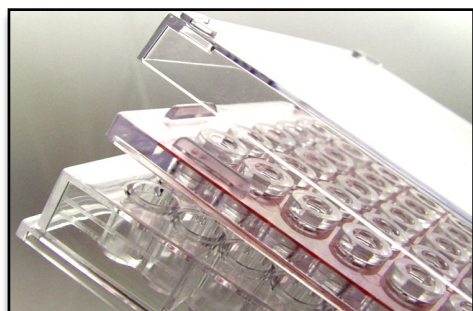


**The MRC Maxi Plate** is a new design for crystallisation presented in a 48 well format. Offering easy to automate crystallisation optimisation with large sitting drops. MRC Maxi is intended for large drops and is compatible both with standard robotic systems as well as manual pipetting. Available in our 3 polymers PS, UVP and UVXPO.

**The SWISSCI MRC Under Oil 96 Well Crystallisation** plate uses oil as a seal and active diffusion mechanism for the purpose of running macromolecular crystallisation under oil. The plate offers unique properties that make it ideal for both nanolitre crystallisation screening and micro-litre optimisation.



## HANGING DROP CRYSTALLISATION / SEALING SHEETS



**The SWISSCI Hanging Drop Crystallisation Plug Plate** is a novel system for protein crystallisation in a 96-well format. Individual wells can be identified, removed and harvested using the supplied Allen key, eliminating the need for a scalpel and tape.

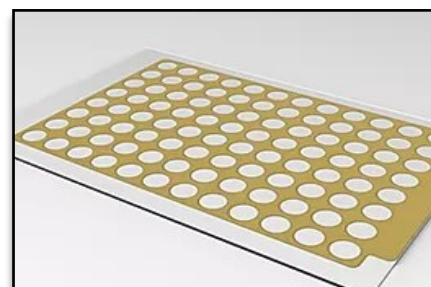
**The Hanging Drop Crystallisation Plate Seal** comes ready to use with dust free protective coating and specialty polymer base. Available in 40 and 100 micron thickness and our UV transparent polymer (UVP).



**UVXPO Sealing sheets** are a 50  $\mu\text{m}$  film with 50  $\mu\text{m}$  inert encapsulated silicone adhesive. They are optically clear, with minimal to no auto-fluorescence (UV compatible), and are especially suited for protein crystallization and qPCR applications.

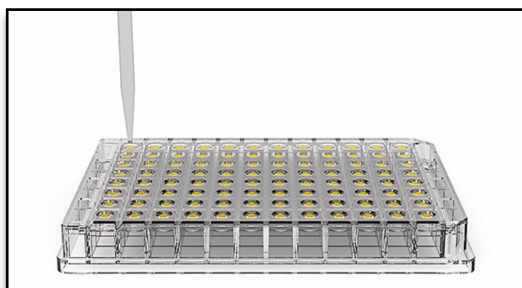
## LCP CRYSTALLISATION

**The SWISSCI LCP Modular** range aims to offer more flexibility to the membrane protein crystallographers LCP experiment. There are three choices of LCP Bases which are combined with one of five pre-affixed LCP Double Sided Pressure Adhesives. The Pressure Adhesives are of varying thickness and well dimensions. To complete the LCP sandwich plate there is a choice between two sizes of Cover Glass or three UVP Cover Films that are of varying thickness. All parts are available separately on request.





## DIALYSIS DEVICES



**The Diaplate™** is a 96 well micro-dialysis plate ideal for the desalting of protein from very small volumes of up to a maximum of 3.2 µl. Each of the 96 wells has a separate regenerated cellulose membrane. ANSI/SLAS 1-2004 standards provide high-throughput use with robotic dispensing. The Swissci Diaplate™ comes as standard with 10 KDa MWCO membrane.

**The Diatube™** is a intuitive all-in-one device for dialysis of up to 20mls of sample solution. The Diatube™ requires no preparation; it is ready to use and is ideal for large sample dialysis. The membrane is made from regenerated cellulose and is specially glued to the device to form a leak free seal; no knotting, folding or closures required. The Swissci Diatube™ has a MWCO of 10kDa.



**Diacon™** is a low volume dialyser for protein solutions of up to 0.5ml. The Swissci Diacon™ uses specially selected regenerated cellulose membranes for dialysis in a provided floating rack for 2-3 hours.



## CRYO EM



**The SWISSCI Cryo EM Grid Box** is made from a special polymer for zero static at cryogenic temperatures. The box has four diamond-shaped slot positions with identification numbers. No special tools are required since the lid is rotated with standard laboratory tweezers. Uniquely numbered Pressure Adhesive Cryo Labels are supplied with the boxes.

## ASSAY PLATES

**SWISSCI Glass Bottom (GB) Assay Plates** are a new benchmark in microplate technology. The unique glass plate processing technique reduces auto-fluorescence to less than 5 percent of the level for unprocessed plates and generates a higher signal-to-noise ratio. Plates are available in 96, 384 and 1536 well formats.

