

Prima Xtallo®

Robotic platform for crystallography

The **Xtallo** liquid handling platform from Primadiag has been specifically designed to support the tasks of today's protein crystallographers and is available at an affordable price.

It is ideally suited for the preparation and reformatting of screening kits for crystallographic applications. It is equipped with **two individual 1-channel pipettes** (200 µl and 1000 µl options available) that can dispense volumes from **5 µl to 1000 µl** with a CV of 0,2 - 2 % and a precision of ± 1,5 % max. The moving speed is up to 35 cm/sec. with a moving repeatability of 100 µm.

Using this innovative affordable platform, the protein crystallization screening solutions can be easily and efficiently transferred from tubes to deep-well blocks or crystallization plates. Moreover, the **Xtallo** system represents the ideal tool for the custom preparation of optimized screening kits starting from stock solutions.

It can accommodate up to 4 microplates or deep-well plates and up to 96 reaction tubes or 48 stock solutions.

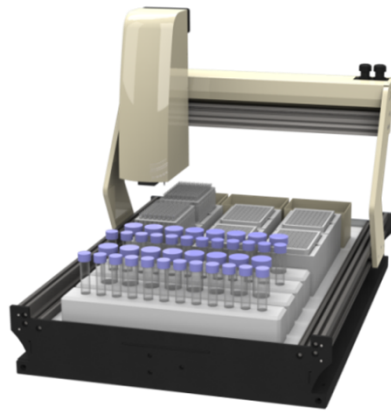
The Windows-based control software is easy-to-learn and easy-to-use. Its simple graphical interface features facilitate the creation of custom protocols allowing the control of all parameters to optimize sample dispensing.

The Xtallo system is also ideally suited to be used in conjunction with liquid handling platforms for crystallography such as the "**Phoenix**" and "**Gryphon**" from **Art Robbins Instruments**. For further information, please contact us.



PRIMA Xtallo®

Xtallo - Specifications



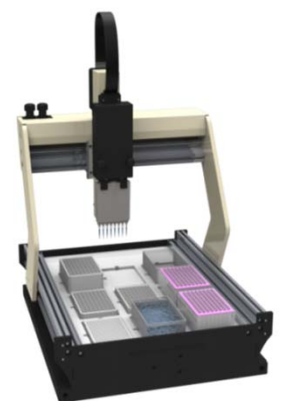
Working area size:	40 x 60 x 15 cm
Capacity	<ul style="list-style-type: none">• 4 microplate or deep-well plates and 96 reaction tubes or 48 stock solutions
Moving speed:	Up to 35 cm/sec
Moving repeatability:	100 µm
Dispense volumes:	<ul style="list-style-type: none">• 5 – 1000 µl• CV 0,2 -2 %• precision of dispensing ± 1,5 % max.
Accessoires:	<ul style="list-style-type: none">• 2 pipettes (200 µl or 1000 µl)• Liquid volume measurement device• Platform for tubes and plates

In addition to the Xtallo system, Primadiag has developed the **RWS liquid handling systems** for a variety of different applications including PCRs and other genomic methods, dispensing of dilutions, cherry picking and repetitive methods that require the exact dispensing of liquids.

The **RWS 46** system is equipped with 2 interchangeable pipette heads whereas the smaller **RWS 34** can be obtained with a single pipette module.



RWS 46



RWS 34

For further information, please contact us.