

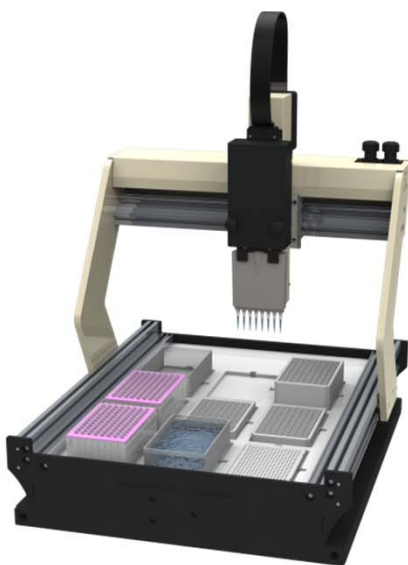
## Prima RWS® Liquid Handling Systems

The liquid handling systems from Primadiag have been specifically developed 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. These robotic platforms are available at affordable prices for the rapid automation of a wide variety of protocols in the field of biology, chemistry and pharmacy.

Primadiag has developed two compact systems that differ with respect to the available workspace and pipette set-ups. The volume range for both systems is 0,5 µl up to 1 ml with a CV of 0,2 - 2 % and a precision of ± 1,5 % max.

- The **Prima RWS 46** system can accommodate up to 16 SBS format plates or a custom set-up for bottles and tubes. The system is equipped with 2 interchangeable pipette heads (1-channel- and 8-channel-pipette head options are available).
- The smaller **Prima RWS 34** system has been designed to accommodate 9 SBS format plates. If required, a custom set-up is also possible. The RWS 34 system can be obtained either with a single 1-channel head pipette or an 8-channel head pipette. The pipettes are easily interchangeable.

In combination with the easy-to-use and easy-to-learn software, these systems represent the right choice for your laboratory. The graphical interface features facilitate the creation of custom protocols allowing the control of all parameters to optimize sample dispensing.



**PRIMA RWS 34**



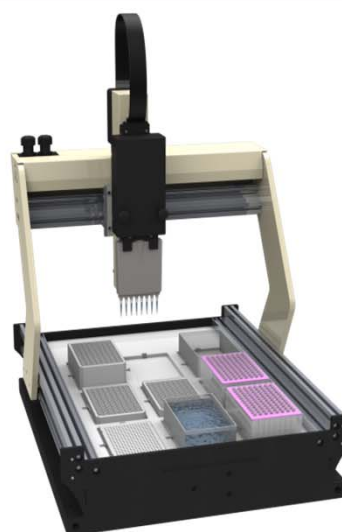
**PRIMA RWS 46**

# RWS - Specifications

Working area size:	<ul style="list-style-type: none"><li>• 40 x 30 cm (RWS 34)</li><li>• 60 x 40 cm (RWS 46)</li></ul>
Capacity	<ul style="list-style-type: none"><li>• up to 9 SBS format microplates (RWS 34) or up to 16 SBS format microplates (RWS 46)</li><li>• Custom set-ups for tubes, bottles and vials are possible</li></ul>
Moving speed:	Up to 20 cm/sec
Moving repeatability:	100 $\mu$ m
Dispense volumes:	<ul style="list-style-type: none"><li>• 0,5 <math>\mu</math>l – 1000 <math>\mu</math>l</li><li>• CV 0,2 -2 %</li><li>• precision of dispensing <math>\pm</math> 1,5 % max.</li></ul>
Accessoires:	<ul style="list-style-type: none"><li>• Interchangeable 1-channel and 8-channel pipette heads (RWS 46: 2 pipette heads; RWS 34: 1 pipette head)</li><li>• Liquid volume measurement device</li><li>• Platform for tubes and plates</li></ul>



**PRIMA RWS 46**



**PRIMA RWS 34**

In addition to the RWS systems, Primadiag has developed the **Prima Xtallo** liquid handling system for the preparation and reformatting of screening kits for **protein crystallographic applications**.

**For further information, please contact us.**



**PRIMA Xtallo**